

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095745.D
 Acq On : 7 Jun 2017 14:43
 Operator : SJ/MA
 Sample : PB99520BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM

Quant Time: Jun 08 04:29:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	70255	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	300967	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	139013	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	254167	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	205994	20.00	ng	0.00
86) Perylene-d12	20.01	264	171395	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	567662	128.75	ng	0.00
7) Phenol-d6	6.95	99	674759	127.84	ng	0.00
23) Nitrobenzene-d5	8.30	82	400587	82.66	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	155271	126.24	ng	-0.01
44) 2-Fluorobiphenyl	11.20	172	835656	83.65	ng	-0.02
78) Terphenyl-d14	17.01	244	721875	86.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	68119	32.48	ng	# 90
3) Pyridine	2.32	79	176299	35.76	ng	97
4) n-Nitrosodimethylamine	2.29	42	75085	40.06	ng	# 78
6) Aniline	6.88	93	186356	26.99	ng	96
8) 2-Chlorophenol	7.07	128	210785	44.96	ng	96
9) Benzaldehyde	6.69	77	96771	27.18	ng	96
10) Phenol	6.96	94	246690	45.05	ng	90
11) bis(2-Chloroethyl)ether	7.03	93	188264	43.40	ng	97
12) 1,3-Dichlorobenzene	7.28	146	220742	41.60	ng	98
13) 1,4-Dichlorobenzene	7.41	146	226676	42.13	ng	98
14) 1,2-Dichlorobenzene	7.64	146	212940	42.93	ng	96
15) Benzyl Alcohol	7.69	79	168189	46.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.88	45	260766	42.79	ng	97
17) 2-Methylphenol	7.91	107	172872	43.94	ng	99
18) Hexachloroethane	8.16	117	76994	43.32	ng	# 87
19) n-Nitroso-di-n-propylamine	8.12	70	145399	43.47	ng	92
20) 3+4-Methylphenols	8.17	107	227227	45.50	ng	# 60
22) Acetophenone	8.07	105	293552	41.67	ng	# 83
24) Nitrobenzene	8.33	77	202985	39.21	ng	95
25) Isophorone	8.73	82	375723	41.52	ng	95
26) 2-Nitrophenol	8.84	139	115935	42.77	ng	98
27) 2,4-Dimethylphenol	8.99	122	186342	44.29	ng	98
28) bis(2-Chloroethoxy)methane	9.12	93	252466	42.33	ng	99
29) 2,4-Dichlorophenol	9.26	162	182751	45.11	ng	99
30) 1,2,4-Trichlorobenzene	9.35	180	175377	41.60	ng	98
31) Naphthalene	9.45	128	607335	40.21	ng	99
32) Benzoic acid	9.35	122	103910	40.43	ng	94
33) 4-Chloroaniline	9.60	127	117460	19.90	ng	# 91
34) Hexachlorobutadiene	9.67	225	91239	41.89	ng	100
35) Caprolactam	10.23	113	56976m	47.26	ng	
36) 4-Chloro-3-methylphenol	10.47	107	185317	43.69	ng	89
37) 2-Methylnaphthalene	10.58	142	424530	41.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.86	216	168576	40.52	ng	99
40) Hexachlorocyclopentadiene	10.83	237	116828	88.24	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095745.D
 Acq On : 7 Jun 2017 14:43
 Operator : SJ/MA
 Sample : PB99520BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

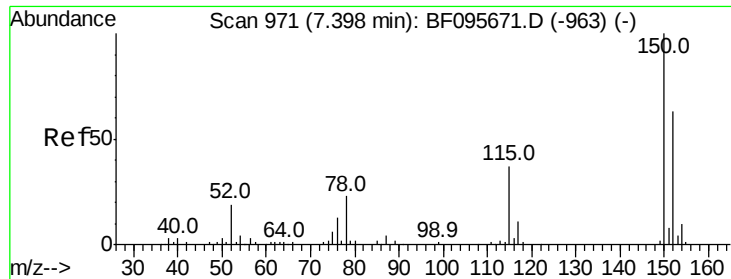
Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM

Quant Time: Jun 08 04:29:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.09	196	118086	44.15	nq	97
43) 2,4,5-Trichlorophenol	11.17	196	118373	41.60	nq	93
45) 1,1'-Biphenyl	11.34	154	478004	41.72	nq	98
46) 2-Chloronaphthalene	11.36	162	370001	41.33	nq	94
47) 2-Nitroaniline	11.57	65	106820	40.78	nq	# 83
48) Acenaphthylene	12.01	152	596371	38.96	nq	98
49) Dimethylphthalate	11.90	163	457322	43.33	nq	98
50) 2,6-Dinitrotoluene	12.00	165	97752	42.46	nq	# 87
51) Acenaphthene	12.30	154	351934	39.81	nq	98
52) 3-Nitroaniline	12.26	138	70040	26.11	nq	84
53) 2,4-Dinitrophenol	12.47	184	97132	74.96	nq	# 63
54) Dibenzofuran	12.58	168	542254	43.58	nq	98
55) 4-Nitrophenol	12.65	139	123587	78.98	nq	# 78
56) 2,4-Dinitrotoluene	12.66	165	133567	42.95	nq	# 88
57) Fluorene	13.13	166	434120	40.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.83	232	93740	48.15	nq	# 89
59) Diethylphthalate	13.05	149	447604	44.07	nq	100
60) 4-Chlorophenyl-phenylether	13.16	204	200484	42.58	nq	89
61) 4-Nitroaniline	13.26	138	101229	40.42	nq	96
62) Azobenzene	13.42	77	405527	44.05	nq	94
64) 4,6-Dinitro-2-methylphenol	13.33	198	67972	40.69	nq	# 69
65) n-Nitrosodiphenylamine	13.38	169	377610	41.35	nq	99
66) 4-Bromophenyl-phenylether	13.94	248	112466	42.58	nq	98
67) Hexachlorobenzene	14.03	284	110443	42.43	nq	# 87
68) Atrazine	14.30	200	113759	44.76	nq	96
69) Pentachlorophenol	14.39	266	80883	81.79	nq	97
70) Phenanthrene	14.67	178	612233	41.75	nq	97
71) Anthracene	14.76	178	636103	41.55	nq	98
72) Carbazole	15.05	167	577837	38.73	nq	98
73) Di-n-butylphthalate	15.64	149	710868	44.78	nq	99
74) Fluoranthene	16.45	202	620365	42.74	nq	97
76) Benzidine	16.67	184	245023	30.97	nq	# 92
77) Pyrene	16.75	202	625589	40.70	nq	99
79) Butylbenzylphthalate	17.67	149	295025	43.95	nq	# 86
80) Benzo(a)anthracene	18.34	228	499659	41.72	nq	99
81) 3,3'-Dichlorobenzidine	18.32	252	121341	28.50	nq	# 96
82) Chrysene	18.39	228	481941	40.27	nq	99
83) Bis(2-ethylhexyl)phthalate	18.43	149	419464	44.30	nq	# 100
84) Di-n-octyl phthalate	19.20	149	692898	44.41	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.19	276	390653	38.15	nq	100
87) Benzo(b)fluoranthene	19.61	252	486439	45.33	nq	99
88) Benzo(k)fluoranthene	19.64	252	405913	39.57	nq	96
89) Benzo(a)pyrene	19.96	252	420486	42.63	nq	99
90) Dibenzo(a,h)anthracene	21.19	278	324090	38.73	nq	96
91) Benzo(g,h,i)perylene	21.52	276	324995	38.10	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

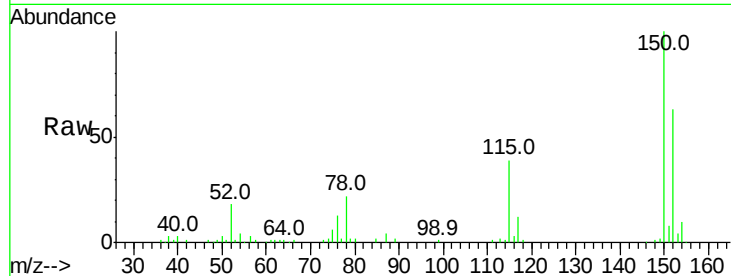
ClientSampleId :

PB99520BS

Tot Ion:	152	Resp:	70255
Ion Ratio	Lower	Upper	
152	100		
150	157.5	126.2	189.2
115	61.3	52.2	78.2

Manual Integrations
APPROVED

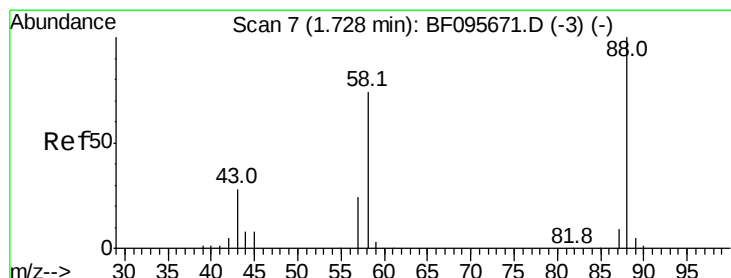
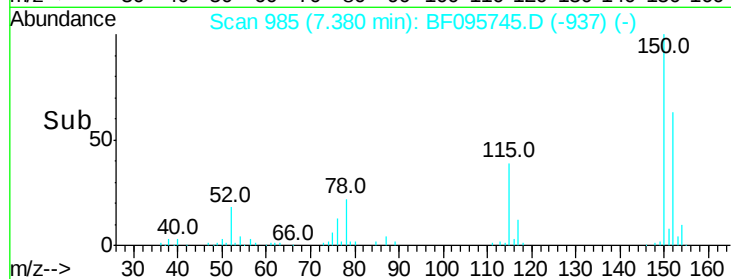
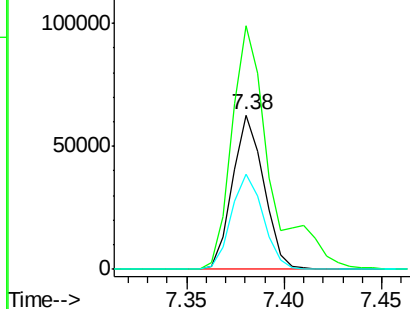
mohammad
6/8/2017 12:18:36 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.48 ng

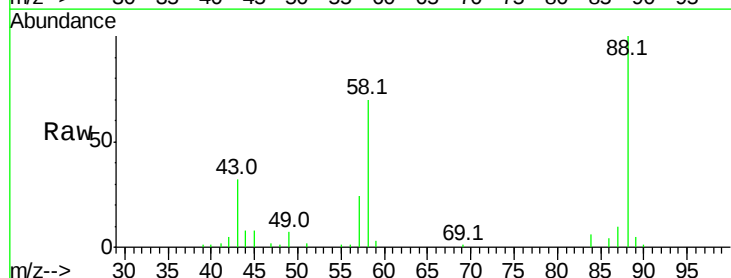
RT: 1.77 min Scan# 31

Delta R.T. 0.04 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

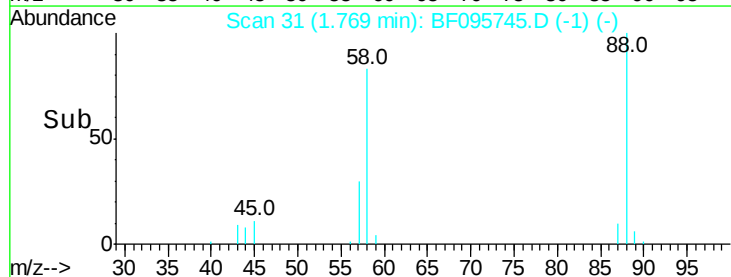
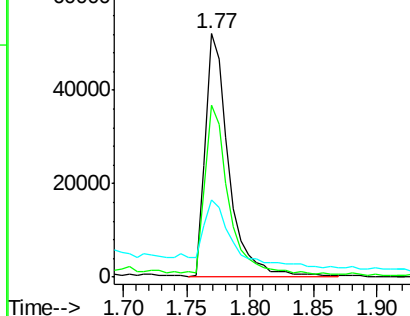
Tgt Ion:	88	Resp:	68119
Ion Ratio	Lower	Upper	
88	100		
58	70.0	61.4	92.0
43	37.6	23.4	35.0#

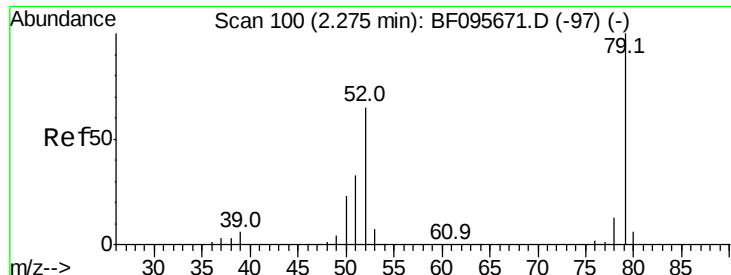


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.76 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.05 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

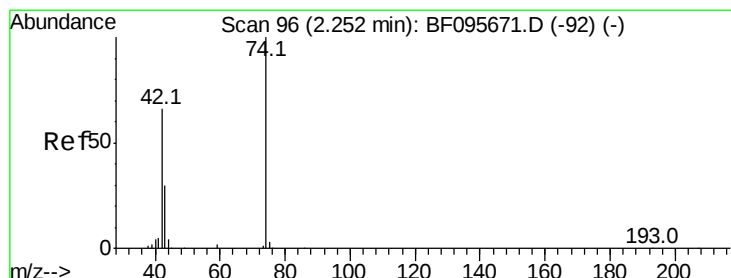
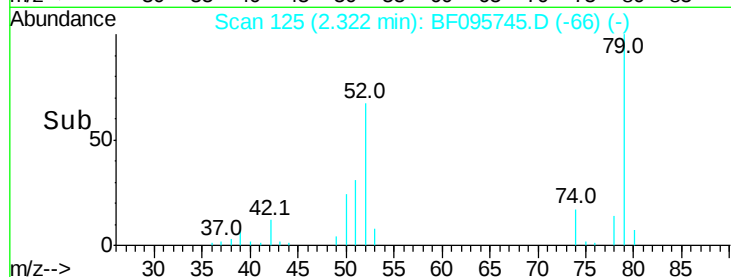
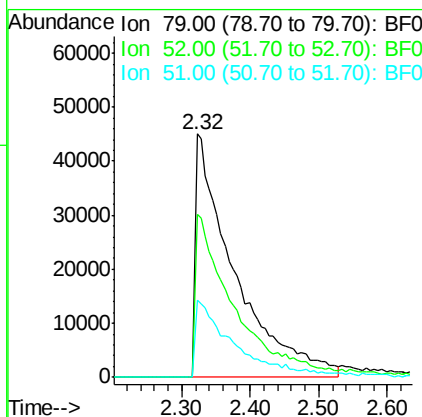
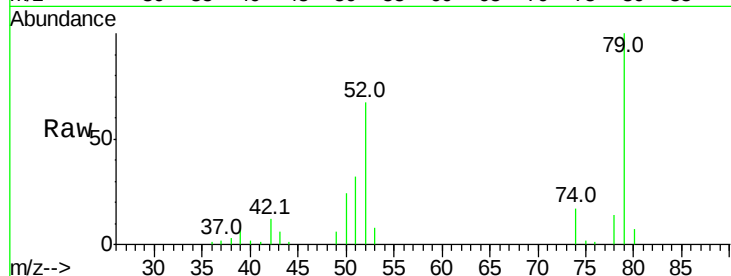
ClientSampleId :

PB99520BS

Tot Ion:	79	Resp:	176299
Ion	Ratio	Lower	Upper
79	100		
52	66.9	54.8	82.2
51	31.7	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

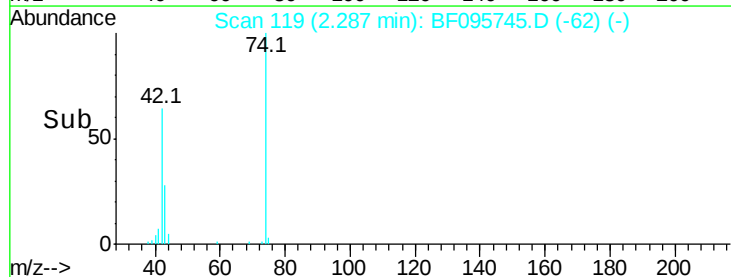
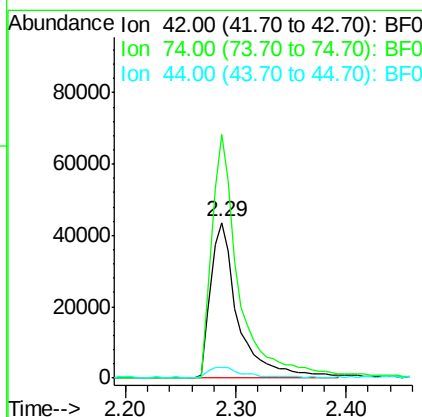
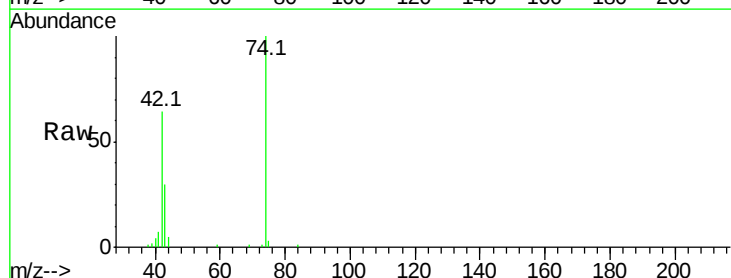
RT: 2.29 min Scan# 119

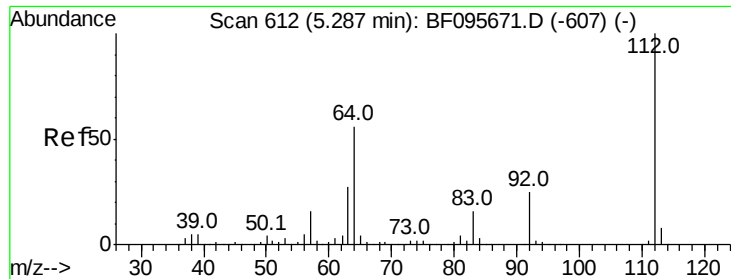
Delta R.T. 0.04 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	42	Resp:	75085
Ion	Ratio	Lower	Upper
42	100		
74	156.4	103.9	155.9#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 128.75 ng

RT: 5.29 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

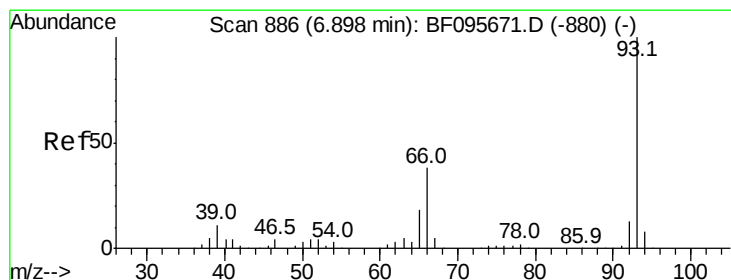
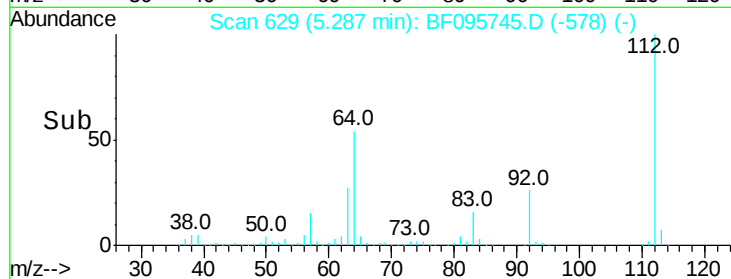
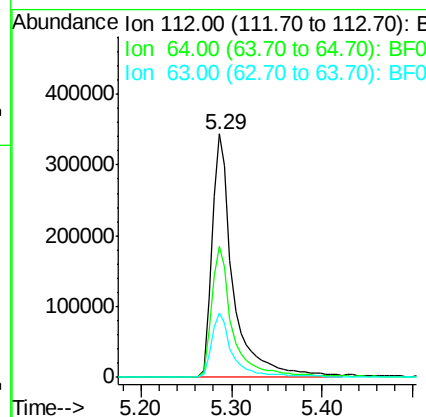
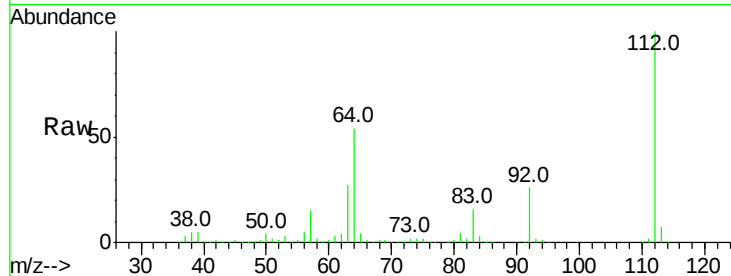
ClientSampleId :

PB99520BS

Tot Ion:	112	Resp:	567662
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.0	69.0
63	26.5	23.4	35.0

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#6

Aniline

Concen: 26.99 ng

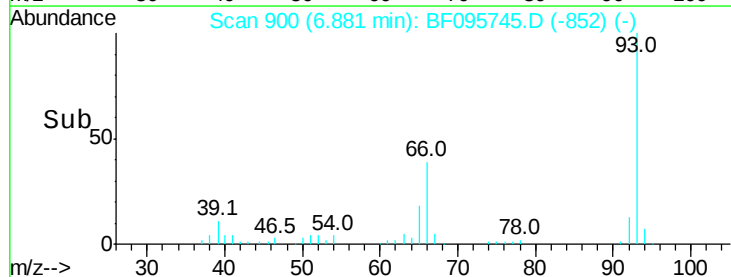
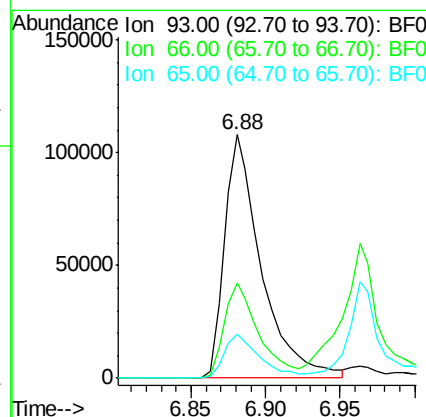
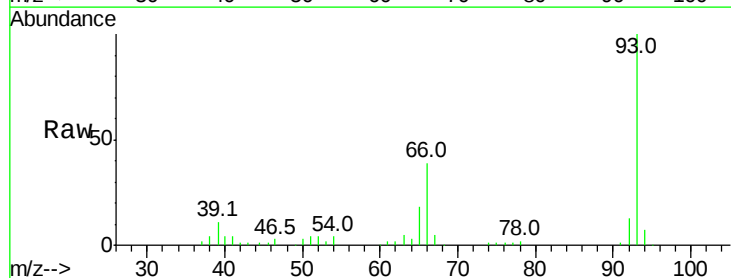
RT: 6.88 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	93	Resp:	186356
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.9	49.3
65	17.8	16.0	24.0





#7

Phenol-d6

Concen: 127.84 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

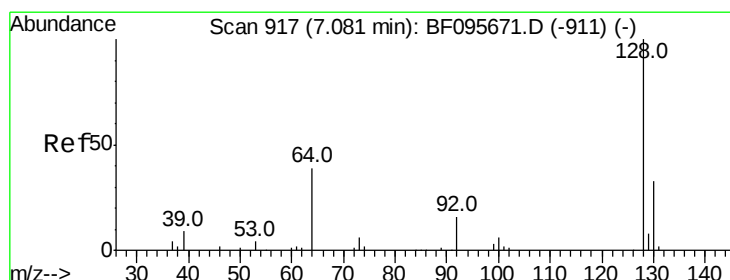
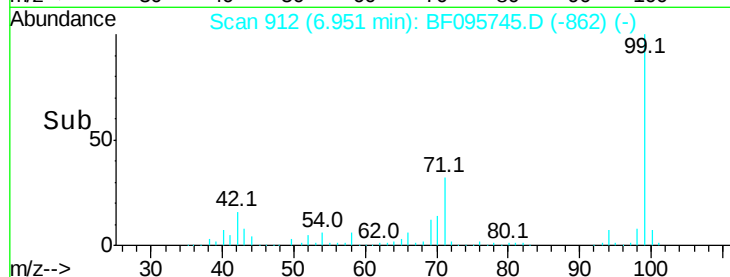
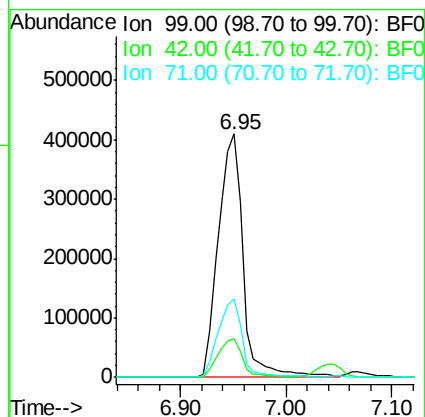
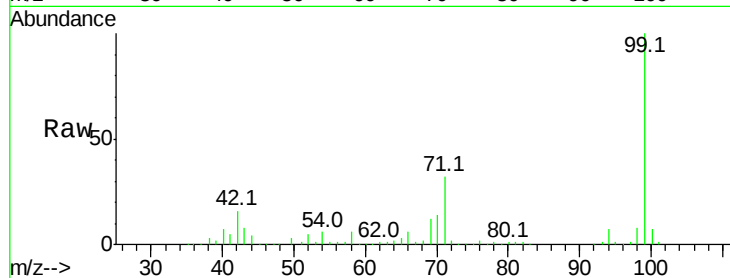
ClientSampled :

PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		674759		
42	16.0	13.5	20.3		
71	32.1	24.5	36.7		

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#8

2-Chlorophenol

Concen: 44.96 ng

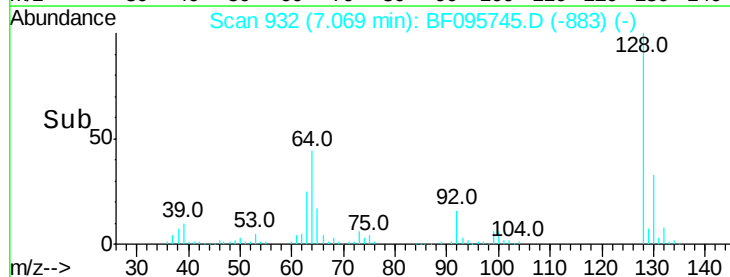
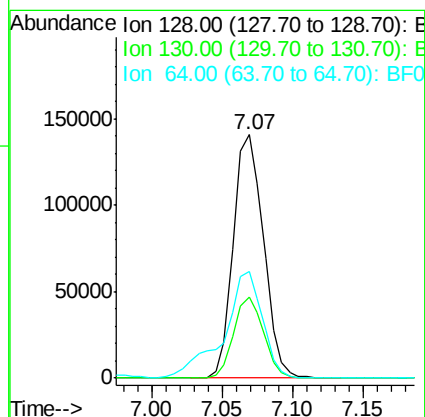
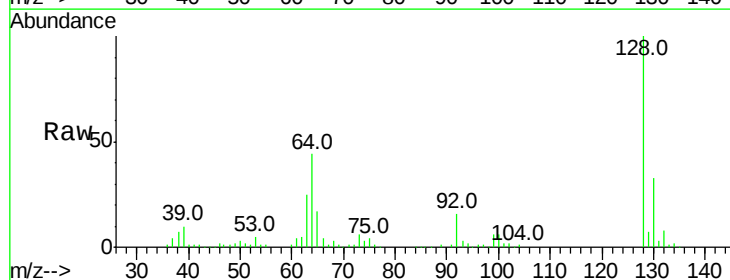
RT: 7.07 min Scan# 932

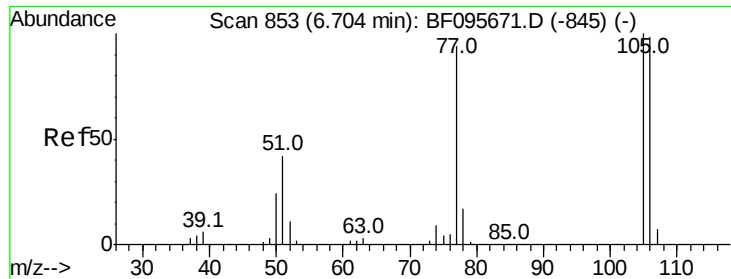
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		210785		
130	33.3	12.9	52.9		
64	43.9	28.4	68.4		





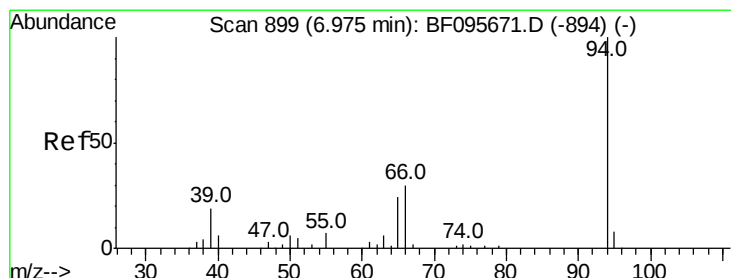
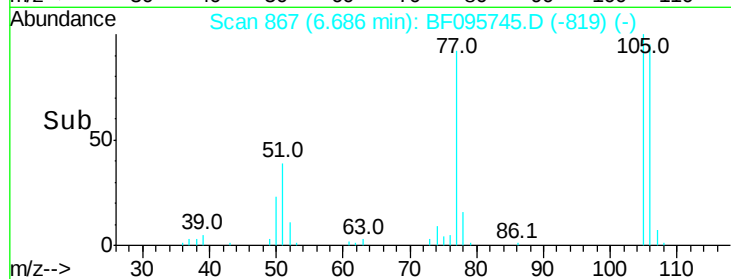
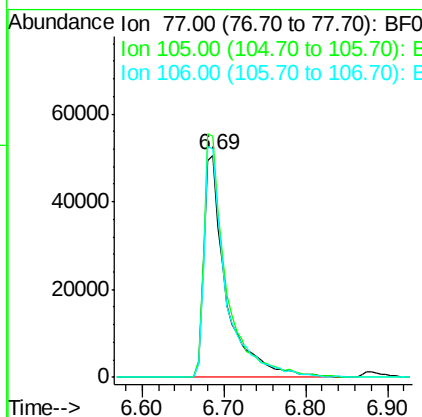
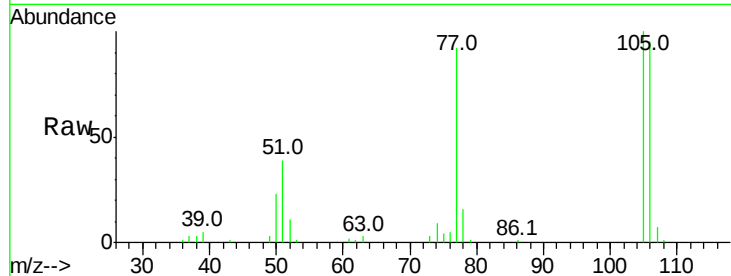
#9
Benzaldehyde
Concen: 27.18 ng
RT: 6.69 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.4	83.8	123.8
106	102.9	79.1	119.1

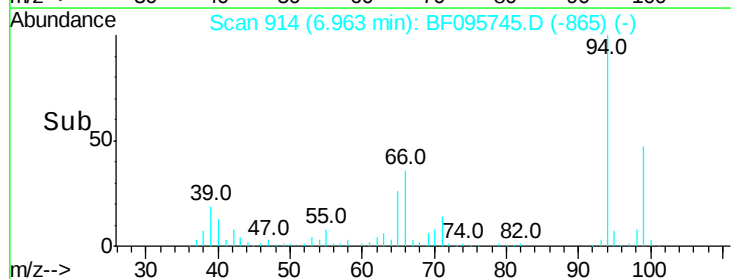
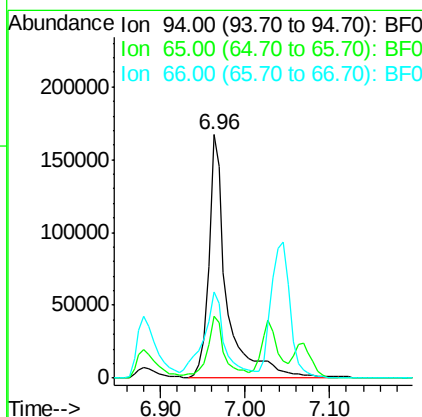
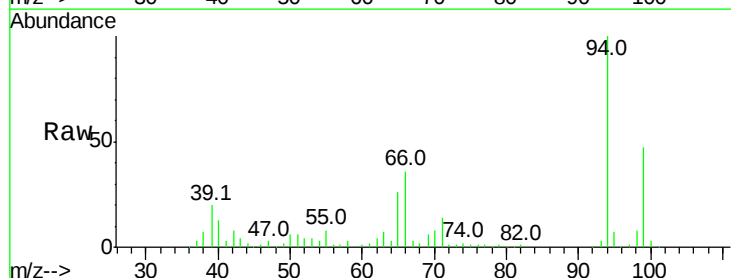
Manual Integrations
APPROVED

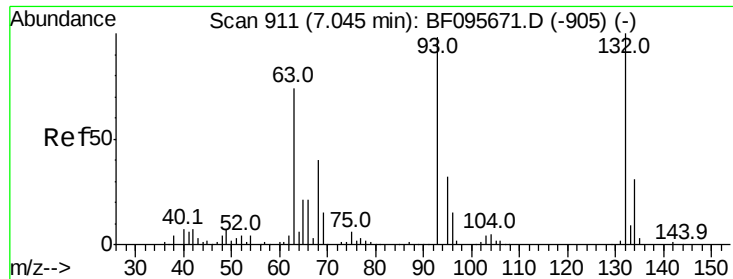
mohammad
6/8/2017 12:18:36 PM



#10
Phenol
Concen: 45.05 ng
RT: 6.96 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	35.6	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.40 ng

RT: 7.03 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

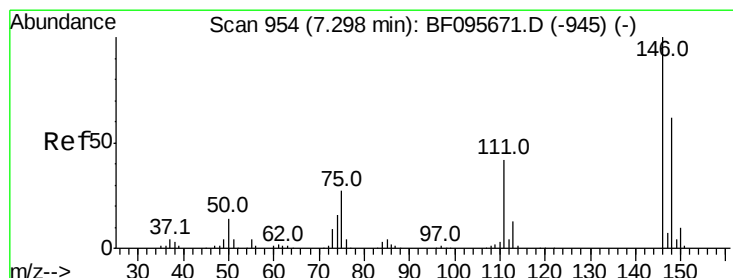
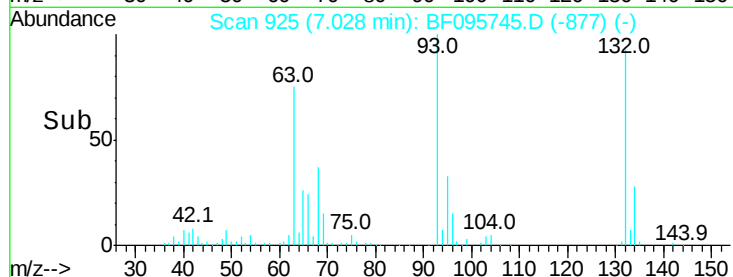
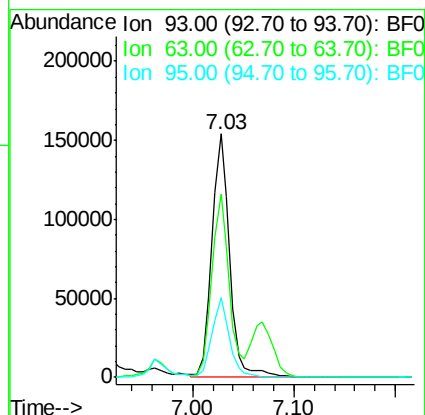
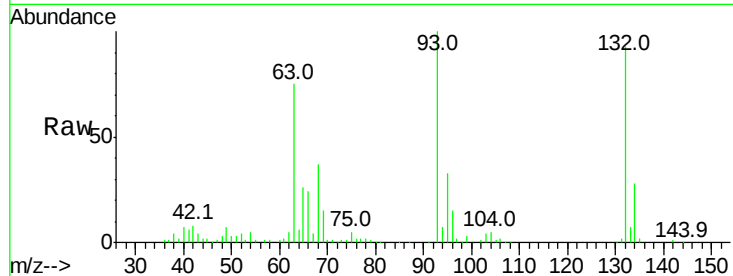
ClientSampleId :

PB99520BS

Tot Ion:	93	Resp:	188264
Ion Ratio	Lower	Upper	
93	100		
63	75.2	59.2	99.2
95	33.0	12.8	52.8

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#12

1,3-Dichlorobenzene

Concen: 41.60 ng

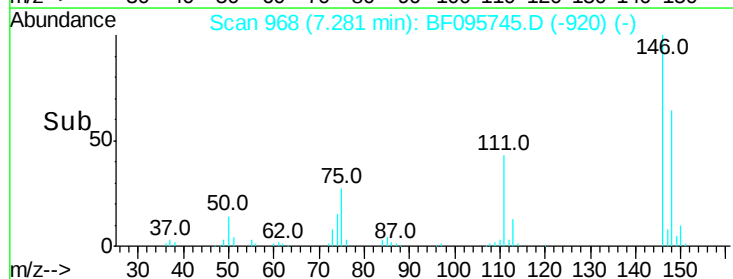
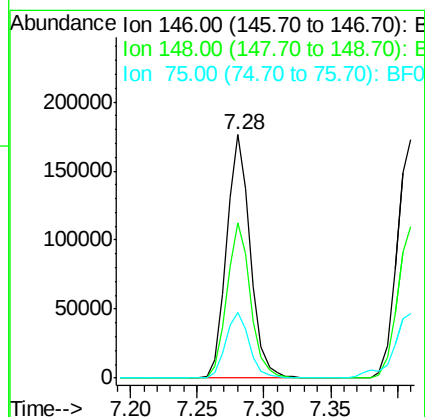
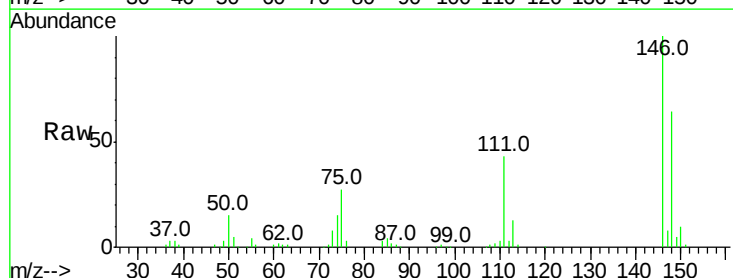
RT: 7.28 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	146	Resp:	220742
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	27.2	23.1	34.7





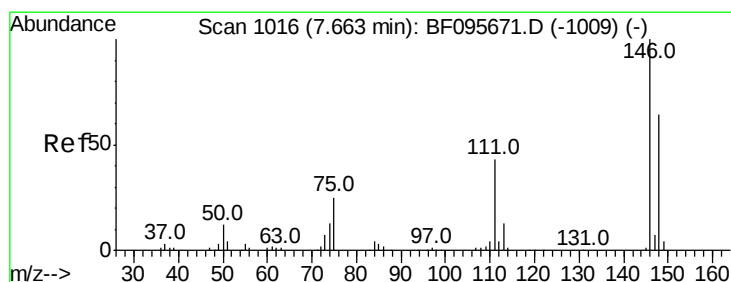
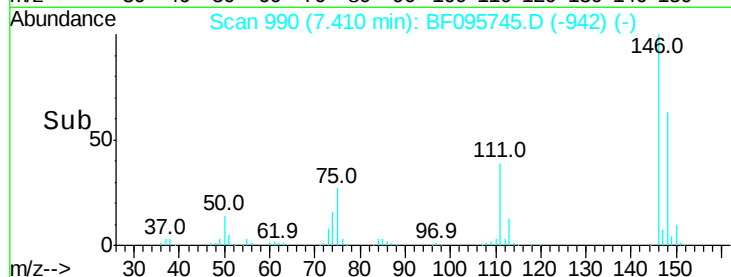
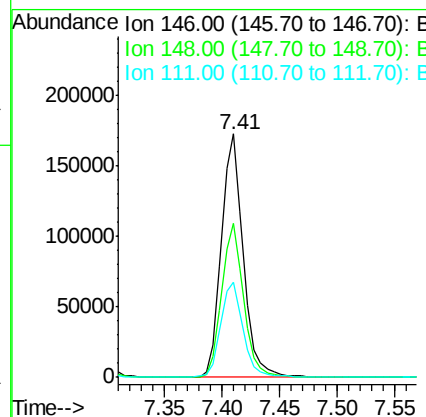
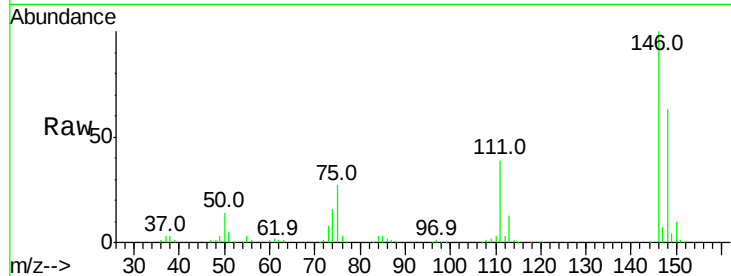
#13
 1,4-Dichlorobenzene
 Concen: 42.13 ng
 RT: 7.41 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	39.1	30.3	45.5

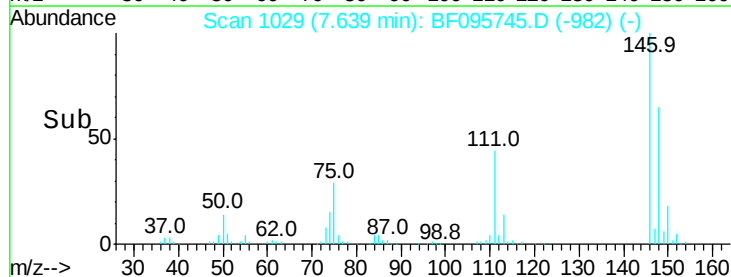
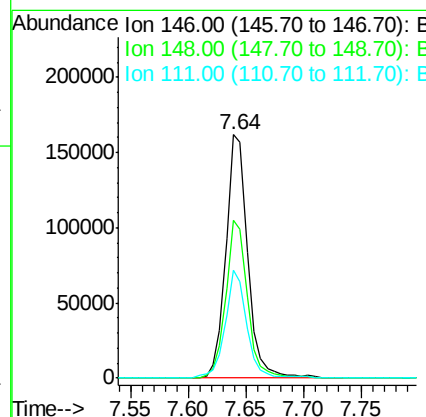
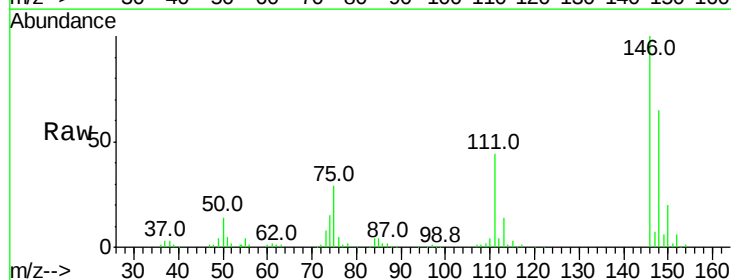
Manual Integrations
 APPROVED

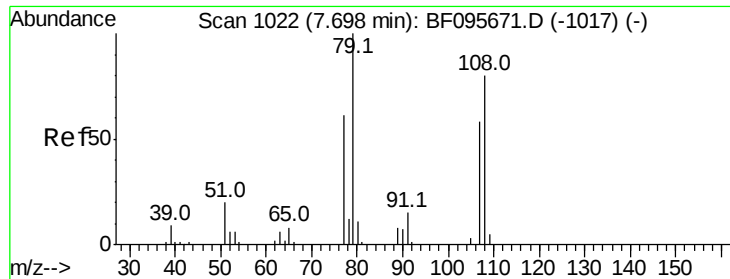
mohammad
 6/8/2017 12:18:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.93 ng
 RT: 7.64 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
111	44.1	38.2	57.4





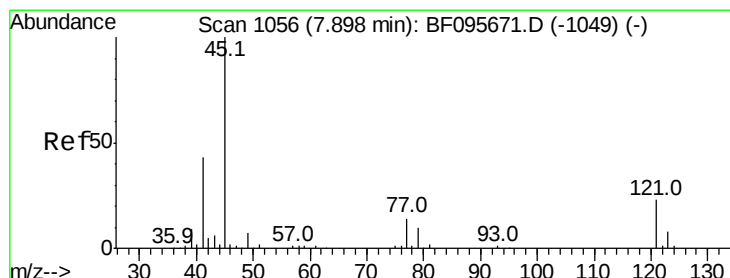
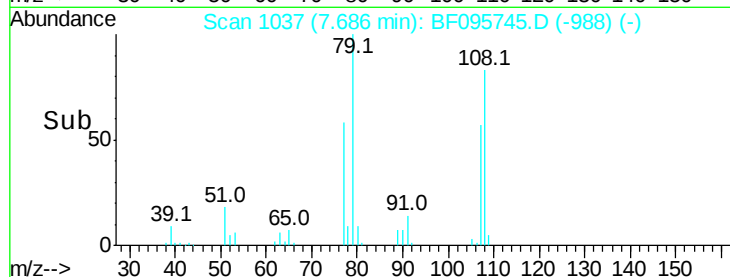
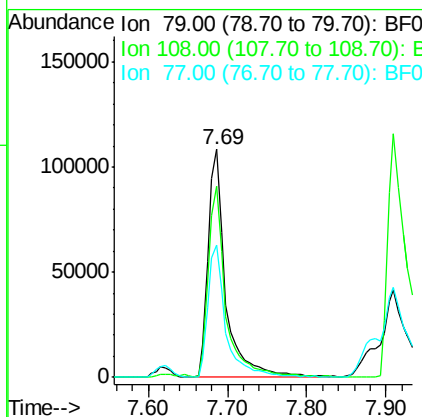
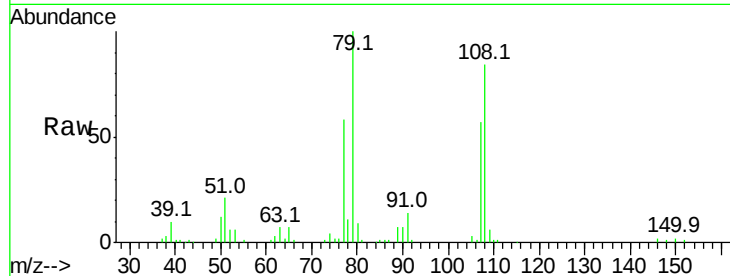
#15
Benzyl Alcohol
Concen: 46.42 ng
RT: 7.69 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	63.4	95.0
77	58.0	49.2	73.8

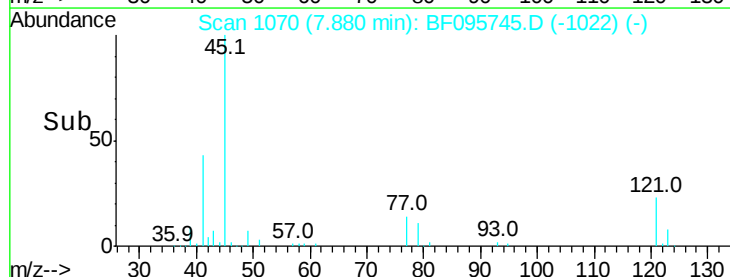
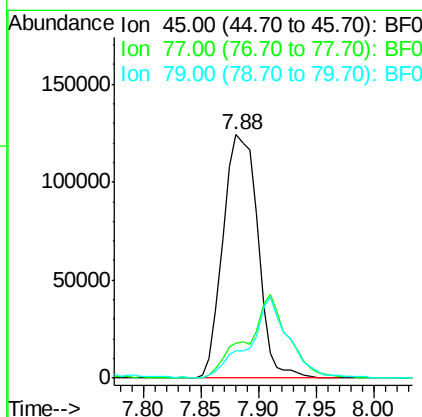
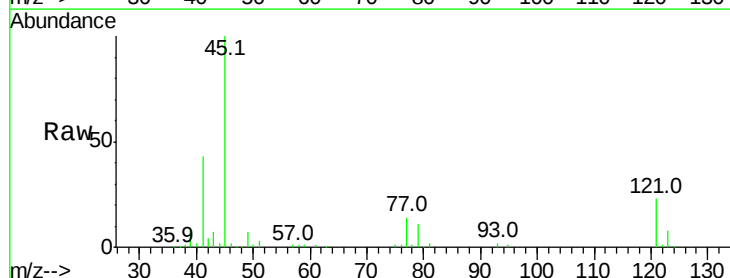
Manual Integrations
APPROVED

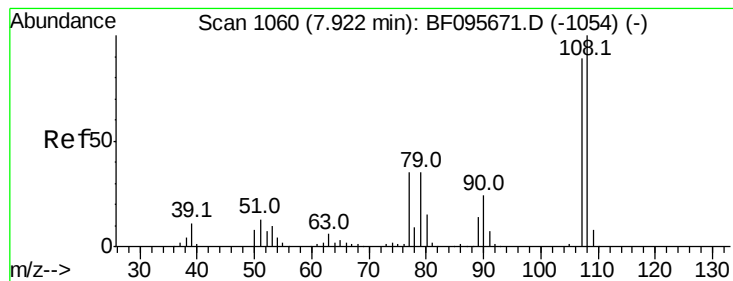
mohammad
6/8/2017 12:18:36 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.79 ng
RT: 7.88 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.2
79	11.1	0.0	30.0





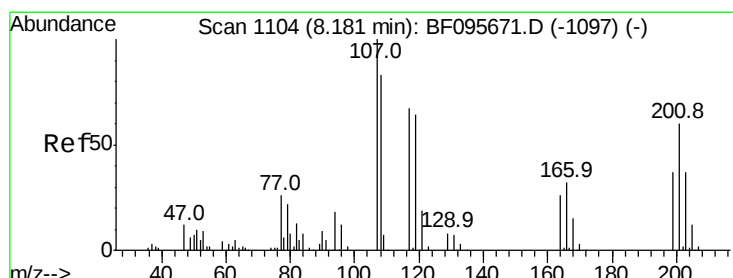
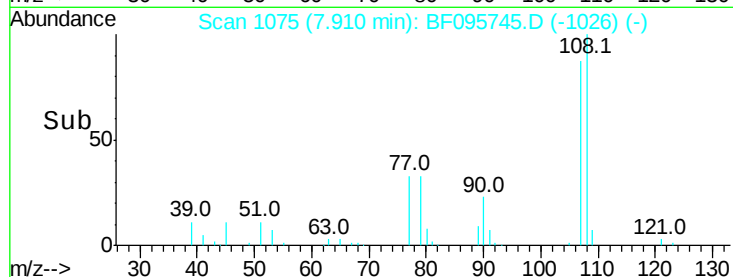
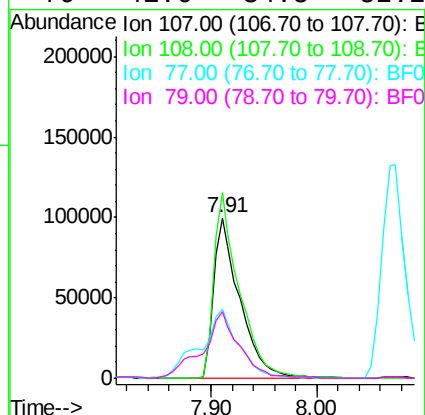
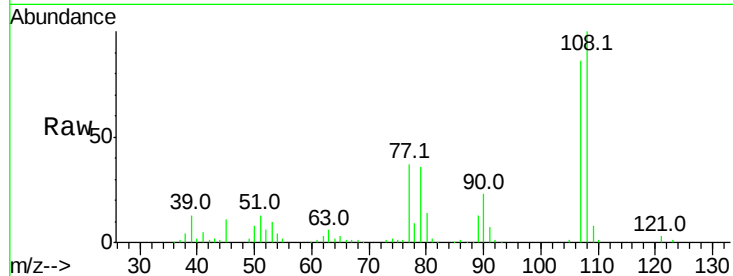
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.91 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	116.1	93.4	140.0	
77	77	43.1	35.8	53.6	
79	79	41.6	34.8	52.2	

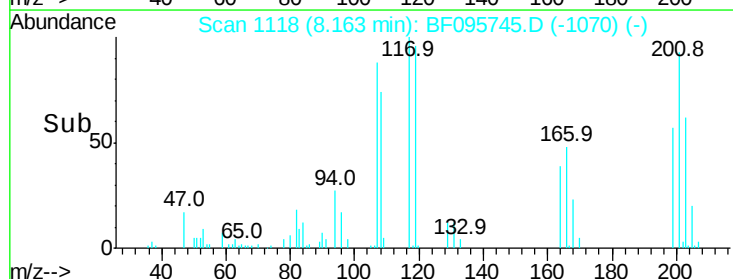
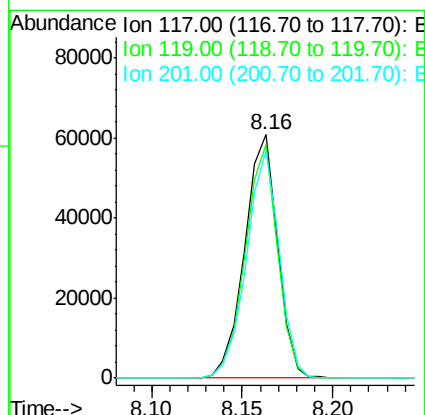
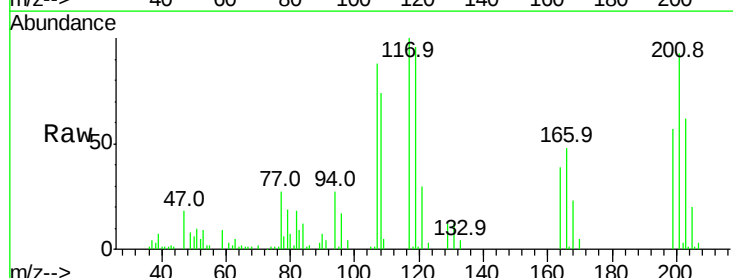
Manual Integrations
APPROVED

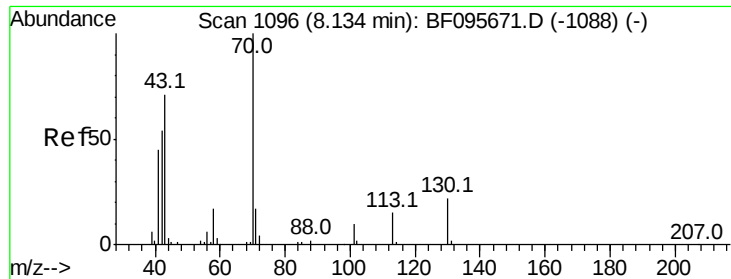
mohammad
6/8/2017 12:18:36 PM



#18
Hexachloroethane
Concen: 43.32 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.7	77.4	116.0	
201	201	93.0	94.6	141.8#	





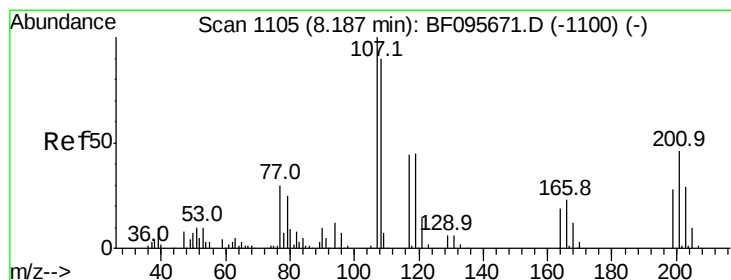
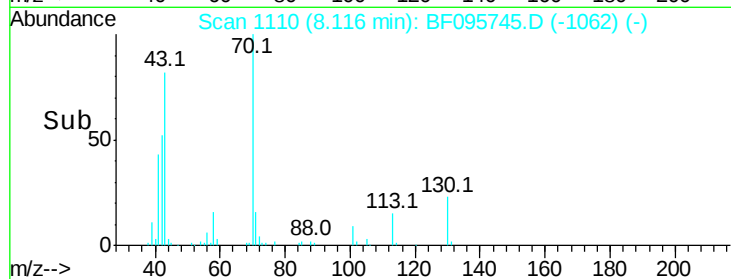
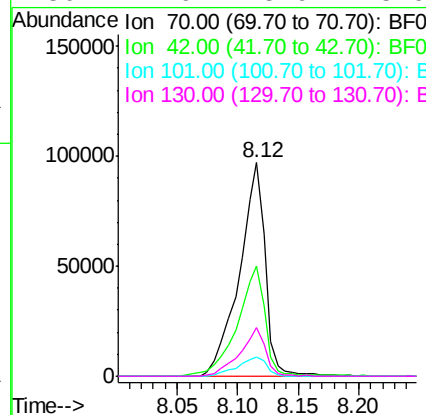
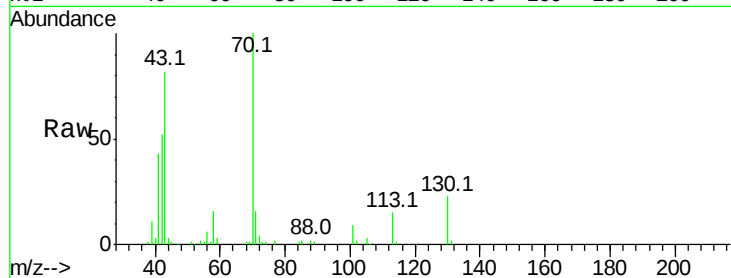
#19
n-Nitroso-di-n-propylamine
Concen: 43.47 ng
RT: 8.12 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		145399		
42	51.6	47.2	70.8		
101	9.3	7.2	10.8		
130	22.9	15.9	23.9		

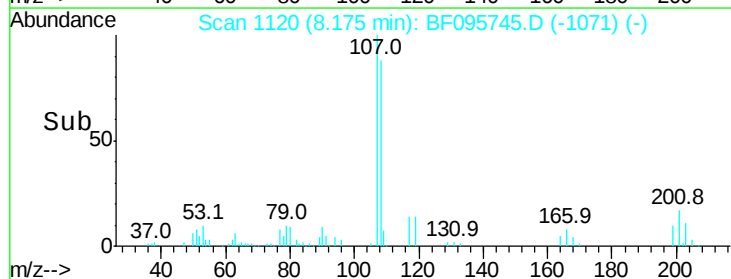
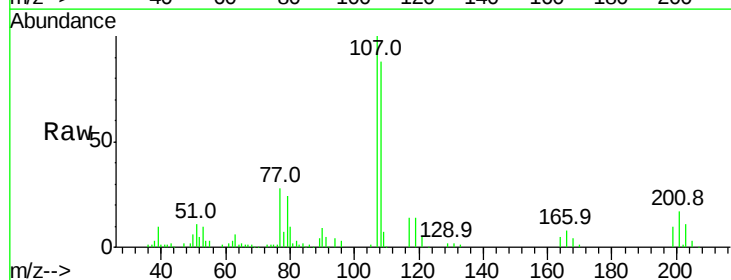
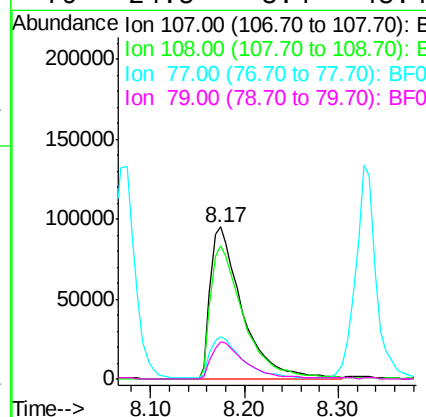
Manual Integrations
APPROVED

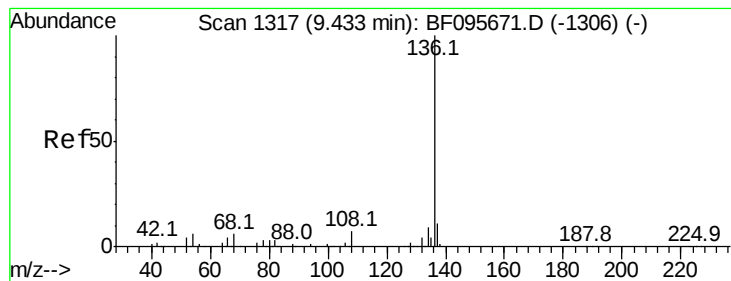
mohammad
6/8/2017 12:18:36 PM



#20
3+4-Methylphenols
Concen: 45.50 ng
RT: 8.17 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		227227		
108	87.8	71.0	111.0		
77	28.0	90.5	130.5#		
79	24.5	8.4	48.4		





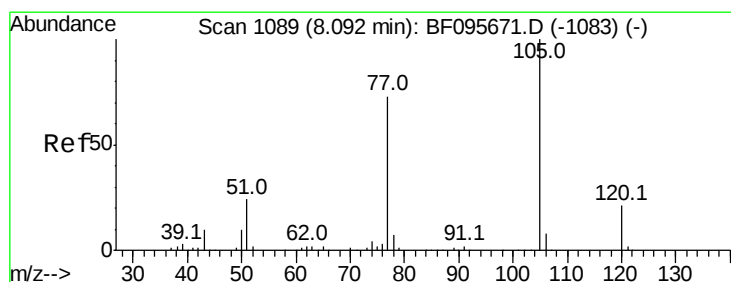
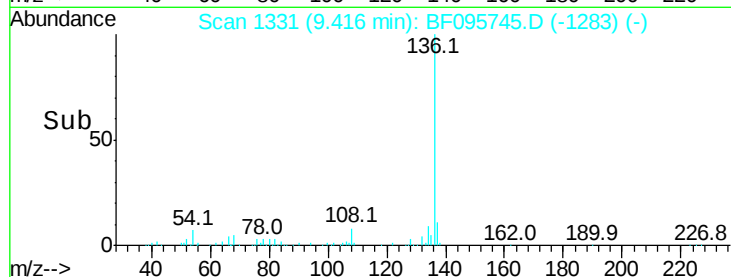
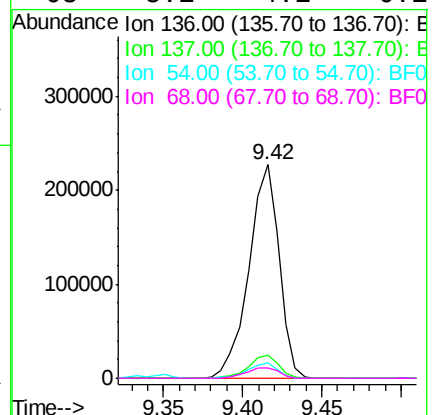
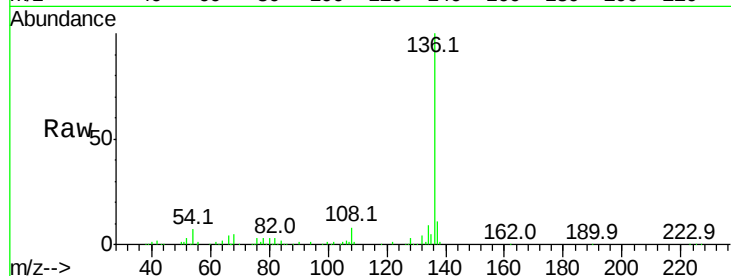
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.0	4.9	7.3	
68	5.1	4.1	6.1	

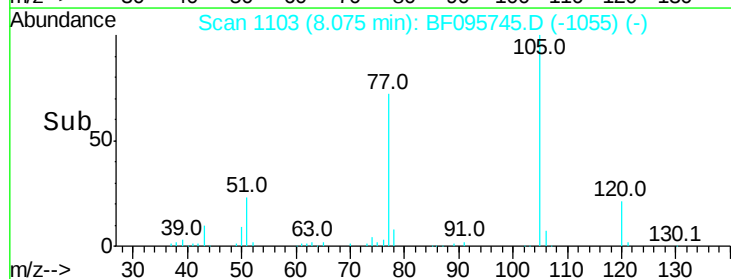
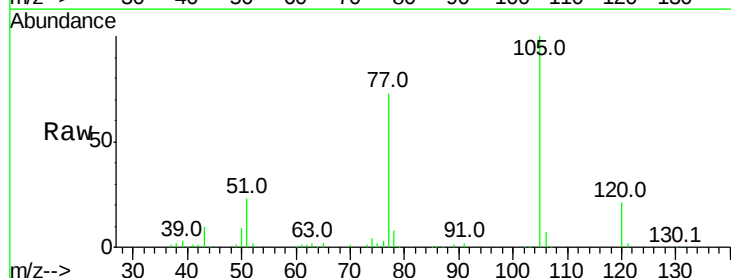
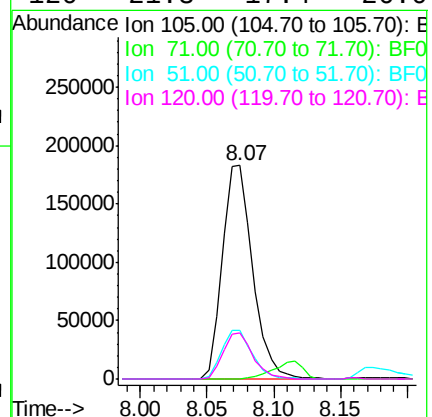
Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#22
Acetophenone
Concen: 41.67 ng
RT: 8.07 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.6	30.7	46.1#	
120	21.3	17.4	26.0	





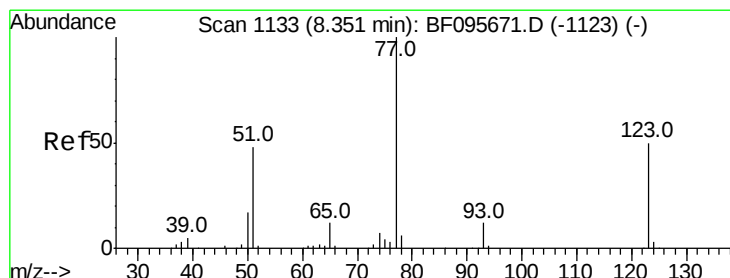
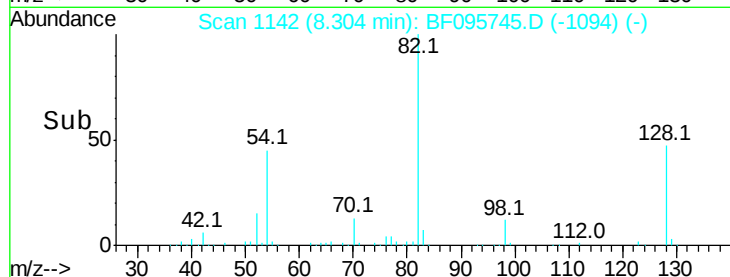
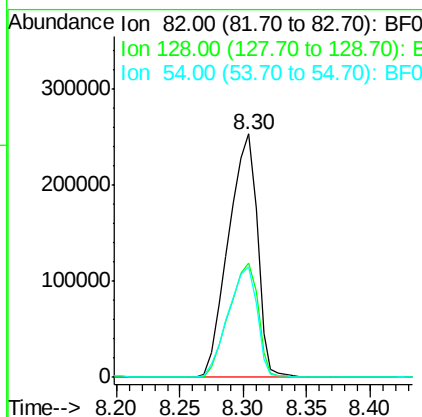
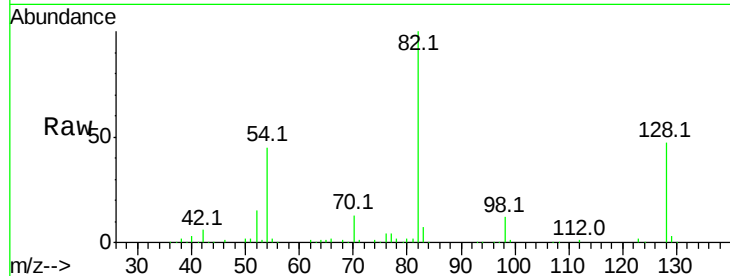
#23
 Nitrobenzene-d5
 Concen: 82.66 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	45.2	42.2	63.2

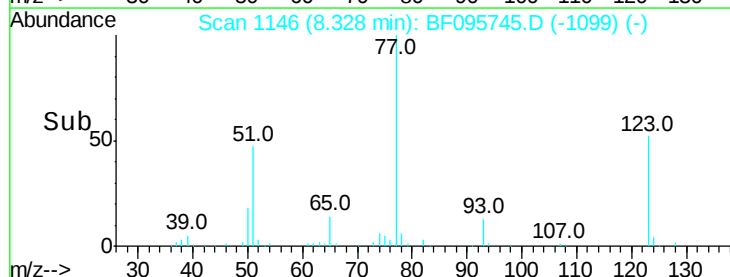
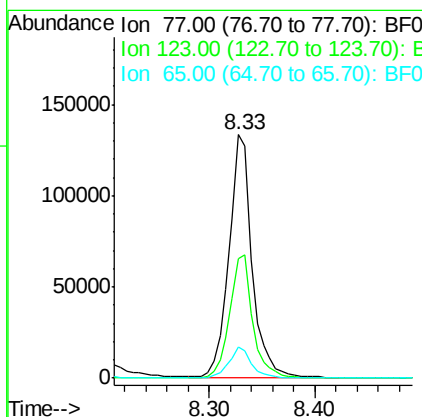
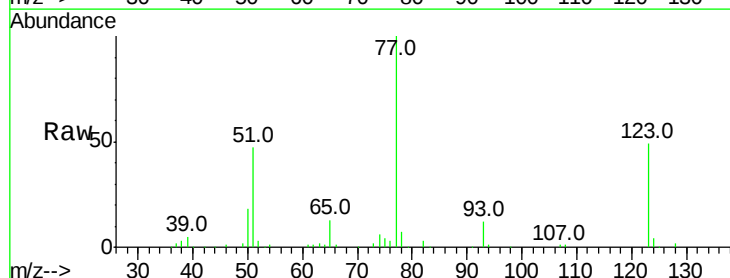
Manual Integrations
 APPROVED

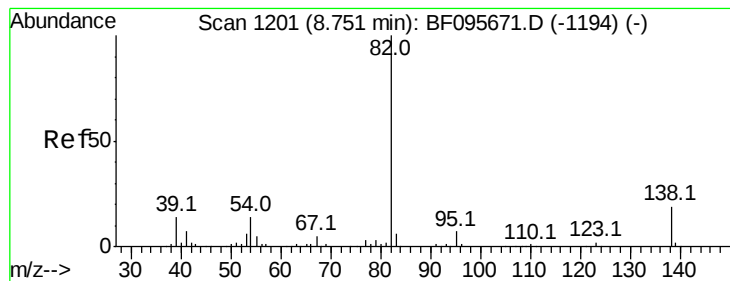
mohammad
 6/8/2017 12:18:36 PM



#24
 Nitrobenzene
 Concen: 39.21 ng
 RT: 8.33 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.52 ng

RT: 8.73 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

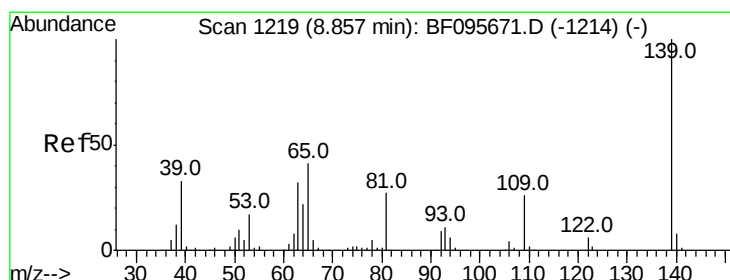
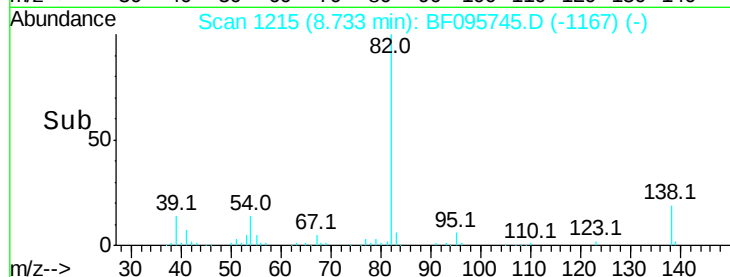
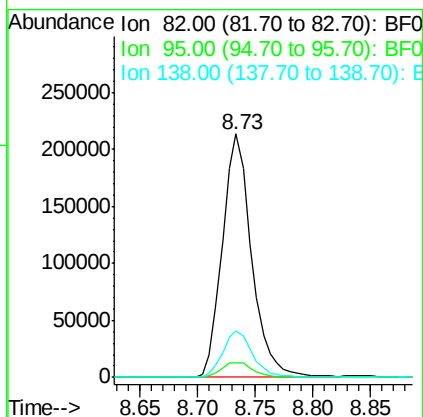
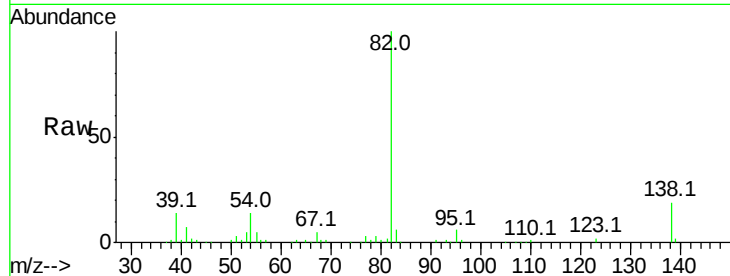
ClientSampleId :

PB99520BS

Tot Ion:	82	Resp:	375723
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#26

2-Nitrophenol

Concen: 42.77 ng

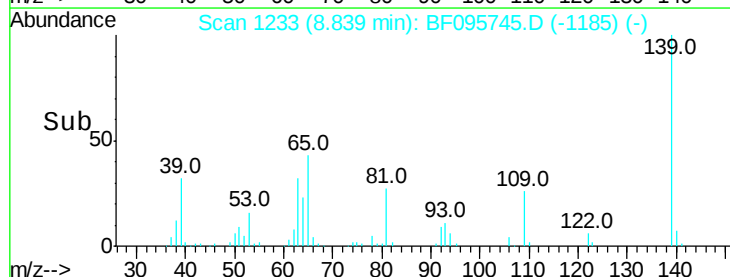
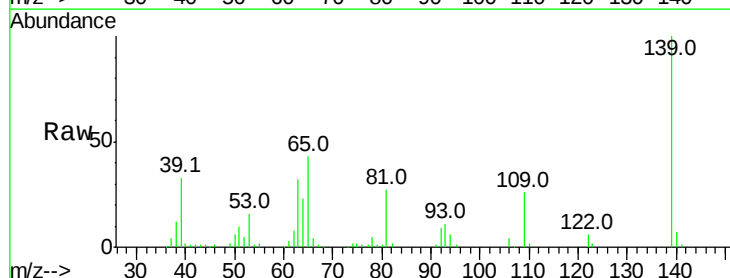
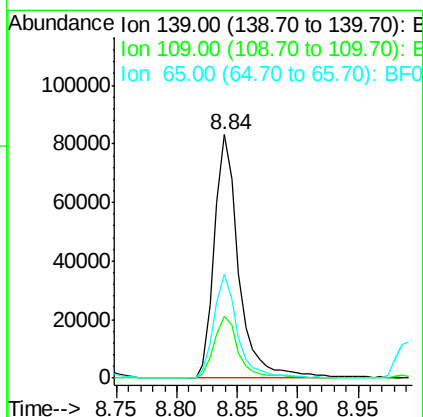
RT: 8.84 min Scan# 1233

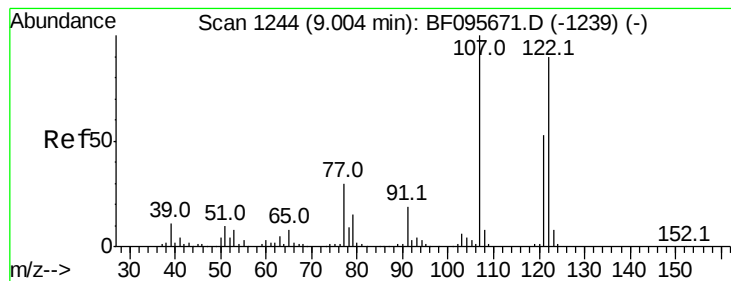
Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	139	Resp:	115935
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.0	31.6
65	42.6	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 44.29 ng

RT: 8.99 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

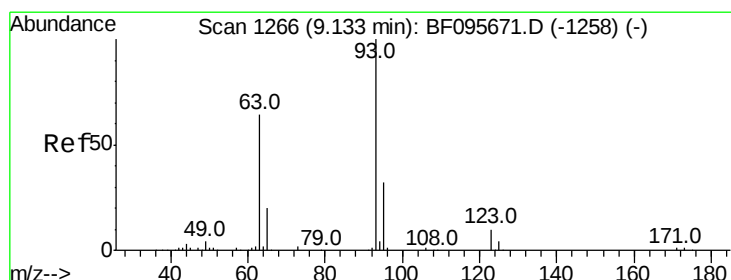
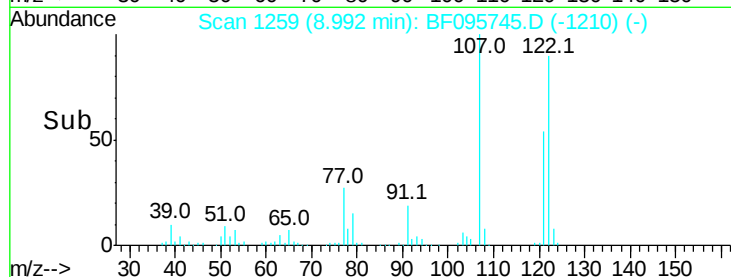
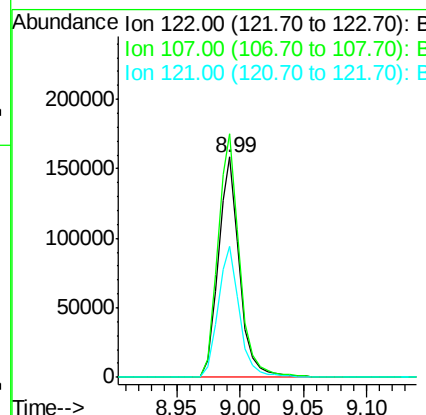
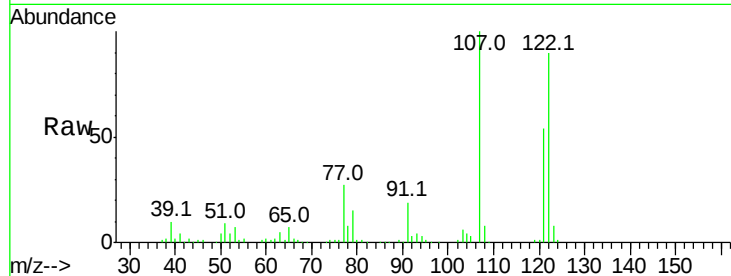
ClientSampleId :

PB99520BS

Tot Ion:	122	Resp:	186342
Ion Ratio	Lower	Upper	
122	100		
107	110.6	89.2	133.8
121	59.4	45.2	67.8

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.33 ng

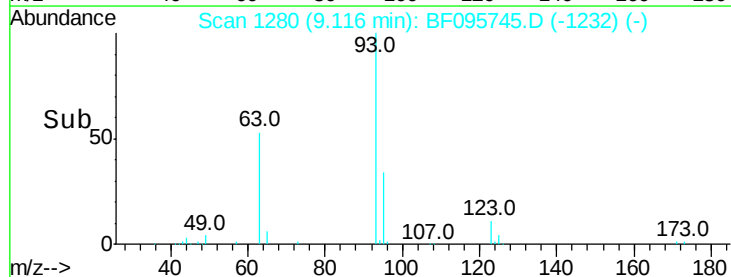
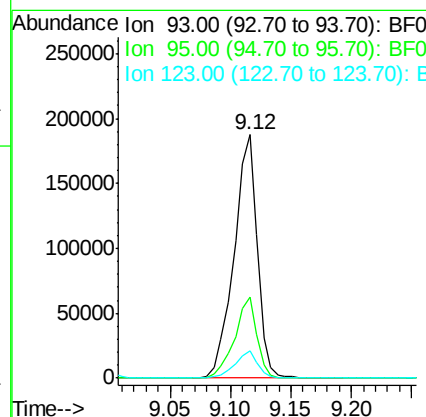
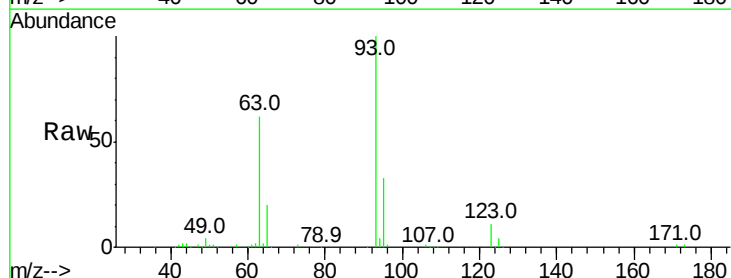
RT: 9.12 min Scan# 1280

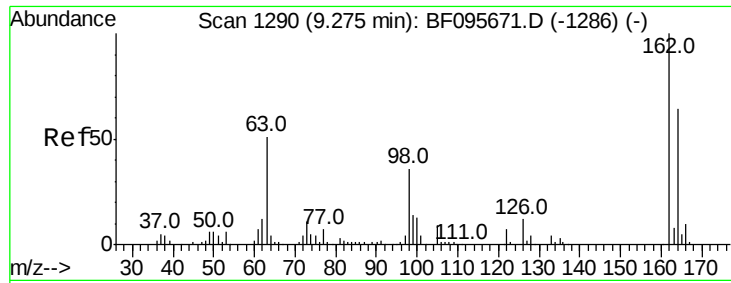
Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	93	Resp:	252466
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	11.0	9.0	13.4





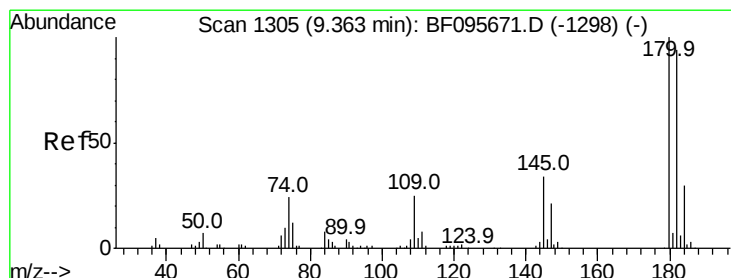
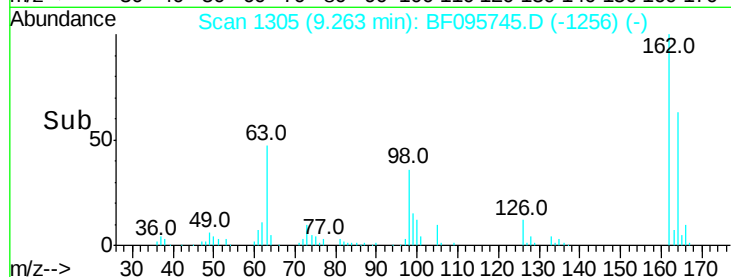
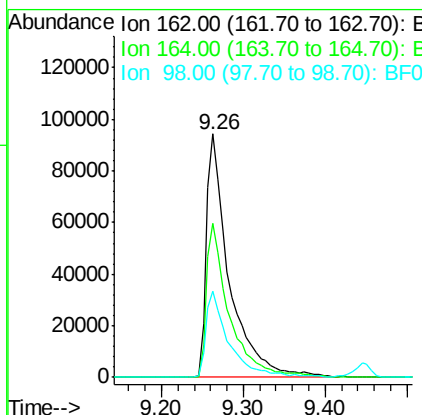
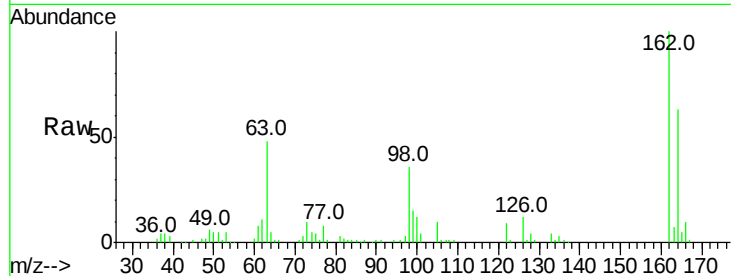
#29
 2,4-Dichlorophenol
 Concen: 45.11 ng
 RT: 9.26 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.6	84.6
98	35.5	14.8	54.8

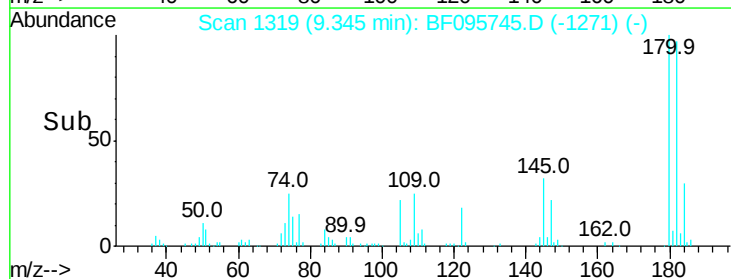
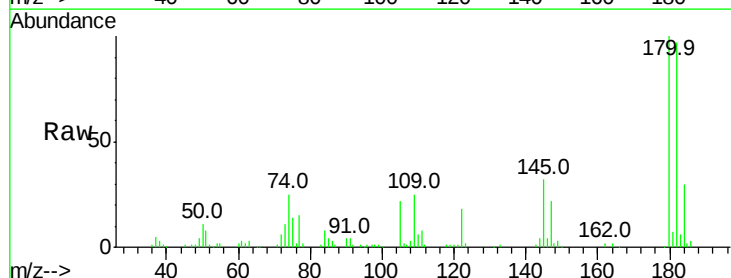
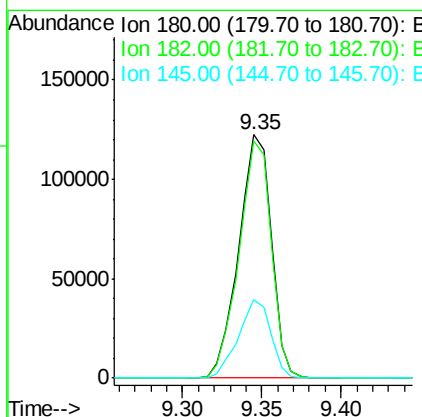
Manual Integrations
 APPROVED

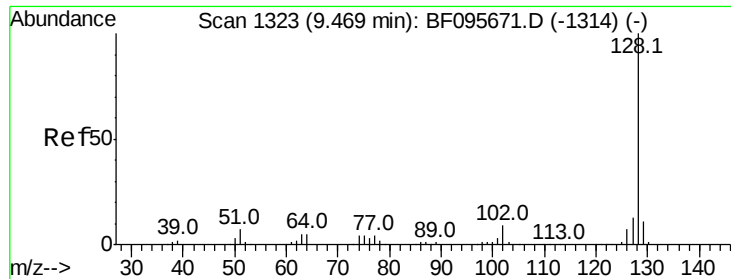
mohammad
 6/8/2017 12:18:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.60 ng
 RT: 9.35 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	75.8	113.6
145	32.3	25.3	37.9





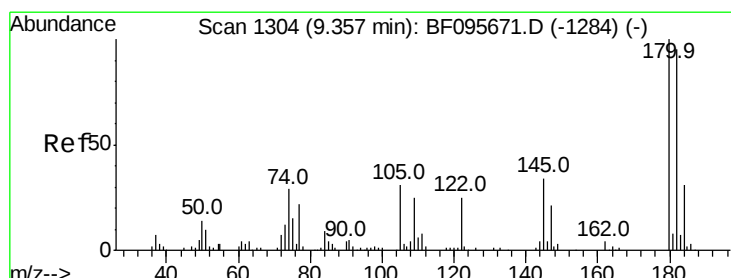
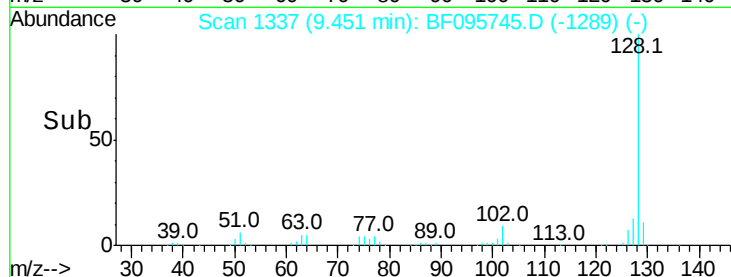
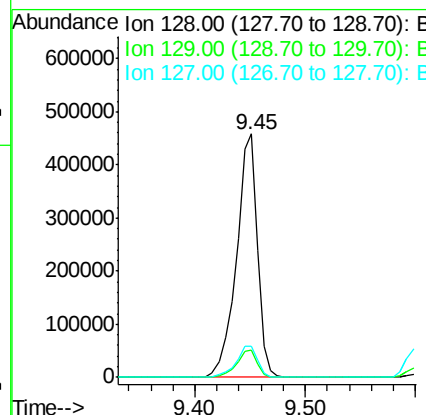
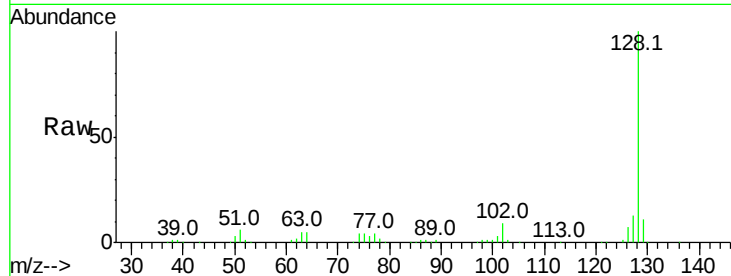
#31
Naphthalene
Concen: 40.21 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.8	10.8	16.2

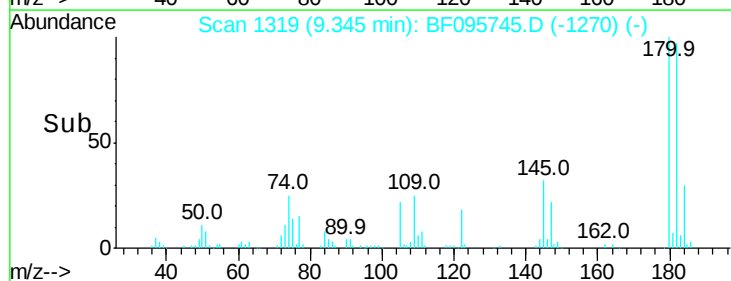
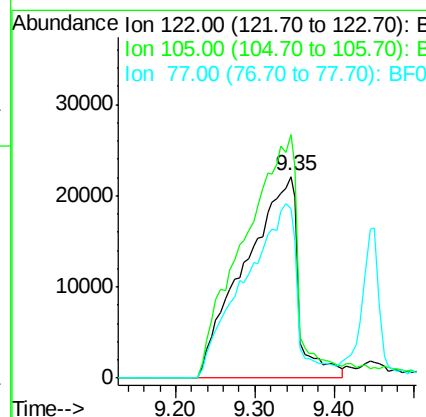
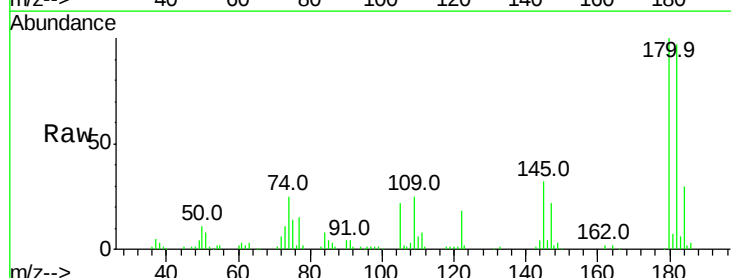
Manual Integrations
APPROVED

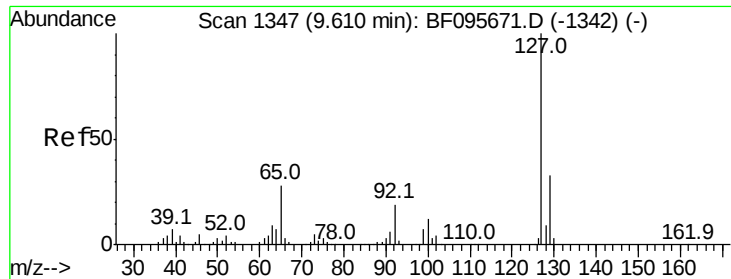
mohammad
6/8/2017 12:18:36 PM



#32
Benzoic acid
Concen: 40.43 ng
RT: 9.35 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	103.3	143.3
77	84.2	73.7	113.7





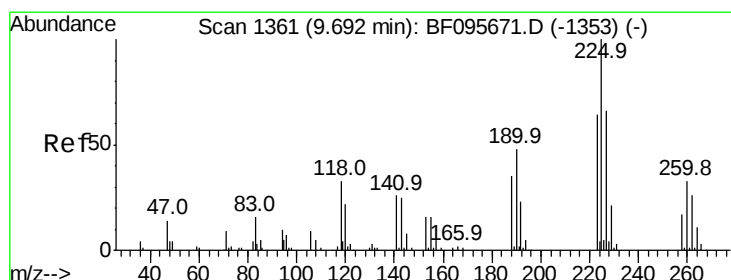
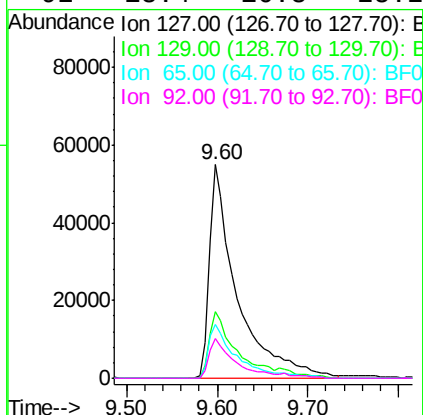
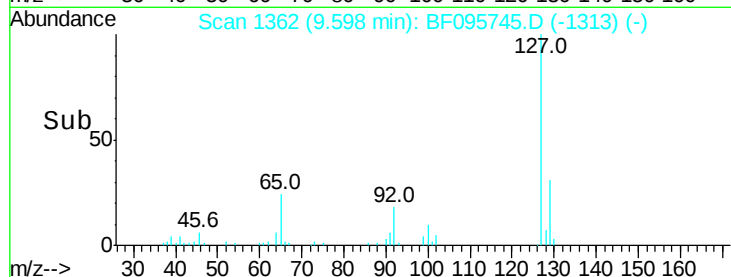
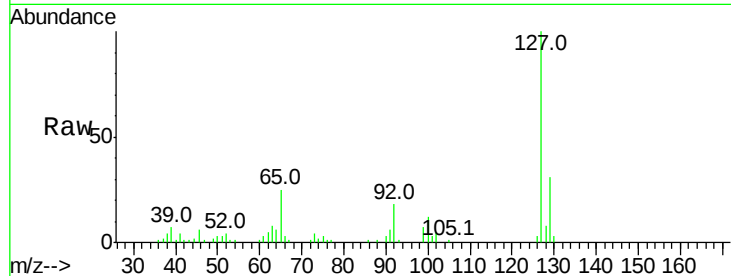
#33
4-Chloroaniline
Concen: 19.90 ng
RT: 9.60 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.2	39.2		
65	25.0	27.8	41.8		
92	18.4	16.8	25.2		

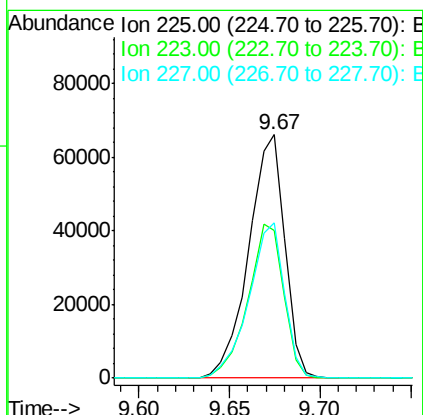
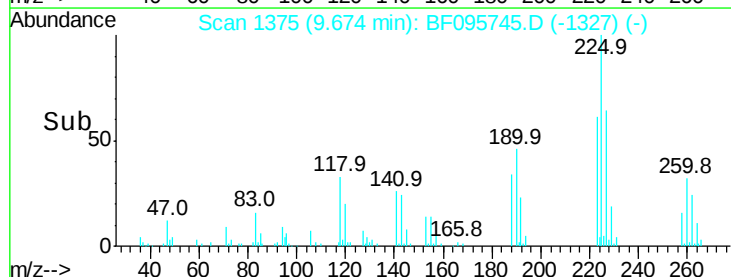
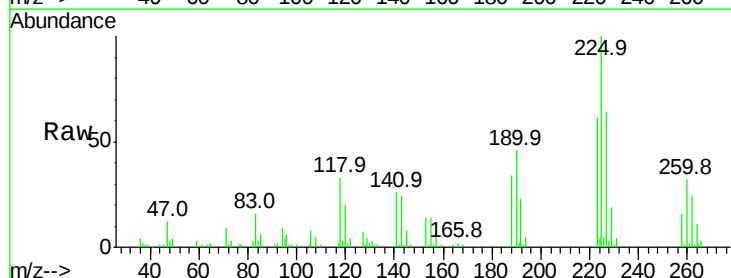
Manual Integrations
APPROVED

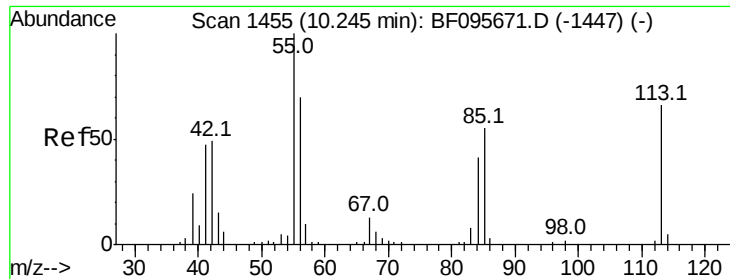
mohammad
6/8/2017 12:18:36 PM



#34
Hexachlorobutadiene
Concen: 41.89 ng
RT: 9.67 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.8	48.8	73.2		
227	63.6	51.1	76.7		





#35

Caprolactam

Concen: 47.26 ng/ml

RT: 10.23 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

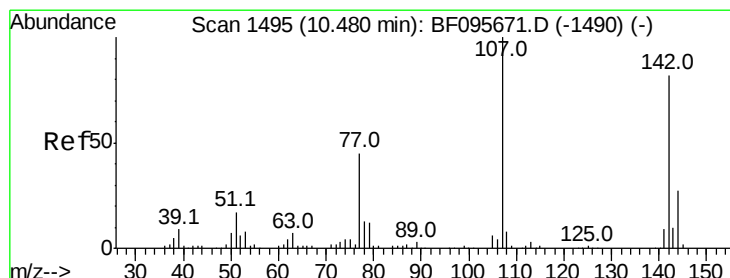
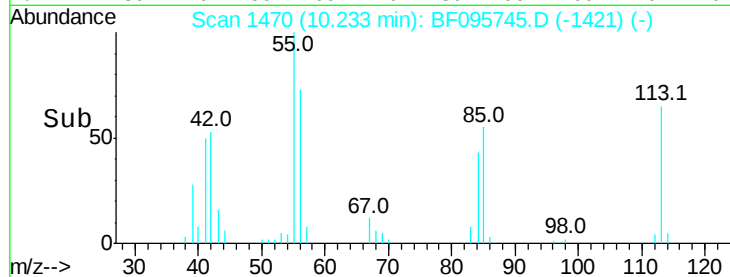
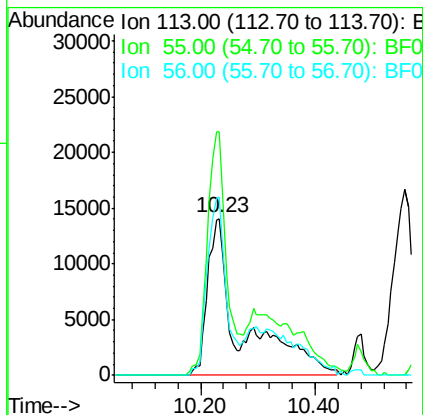
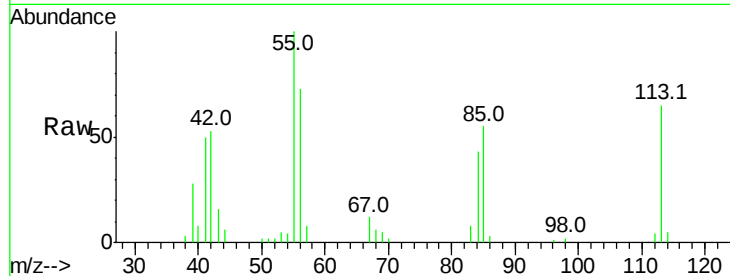
ClientSampleID :

PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	154.7	150.2	190.2		
56	113.2	107.8	147.8		

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#36

4-Chloro-3-methylphenol

Concen: 43.69 ng/ml

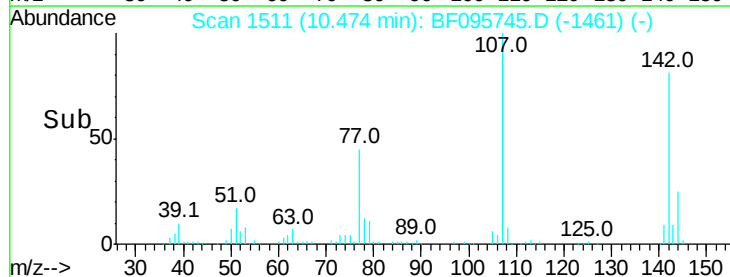
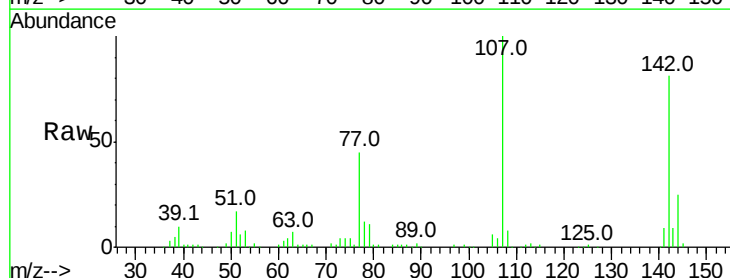
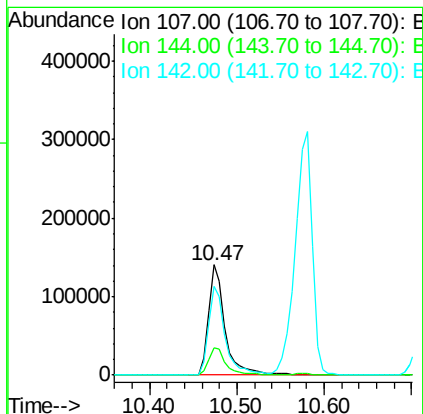
RT: 10.47 min Scan# 1511

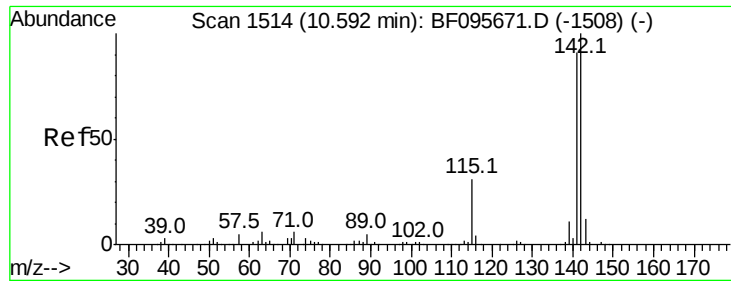
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	24.2	36.4		
142	80.7	73.4	110.0		





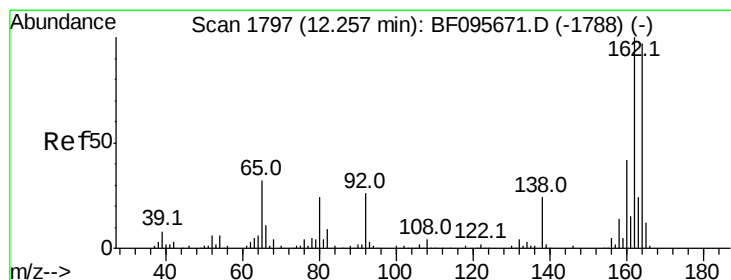
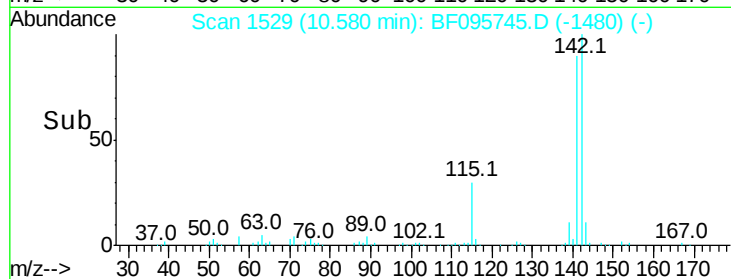
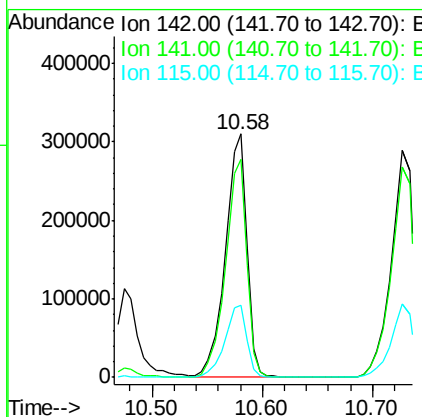
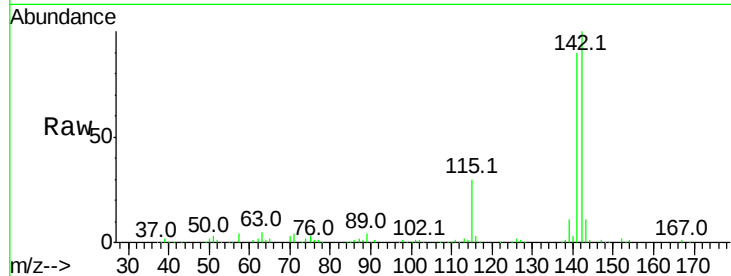
#37
2-Methylnaphthalene
Concen: 41.60 ng
RT: 10.58 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	424530		
141	89.6	71.3	106.9	
115	29.8	27.1	40.7	

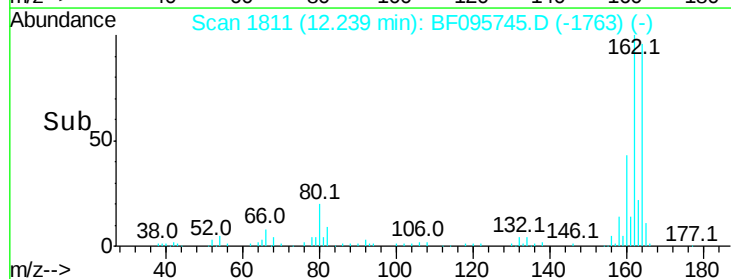
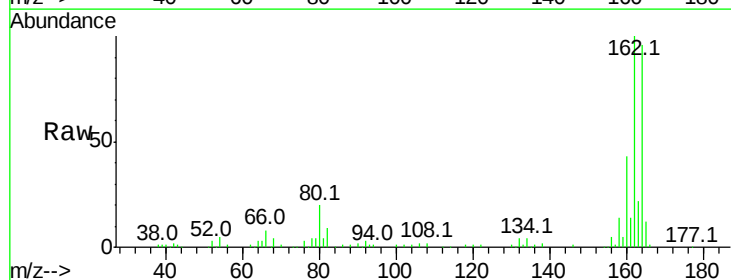
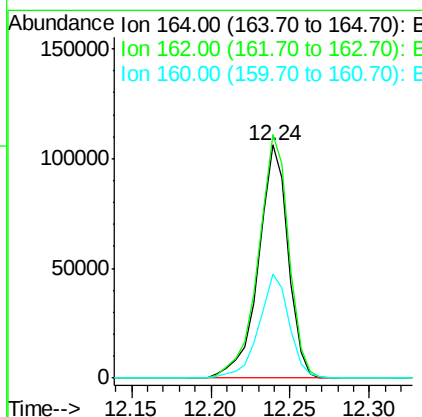
Manual Integrations
APPROVED

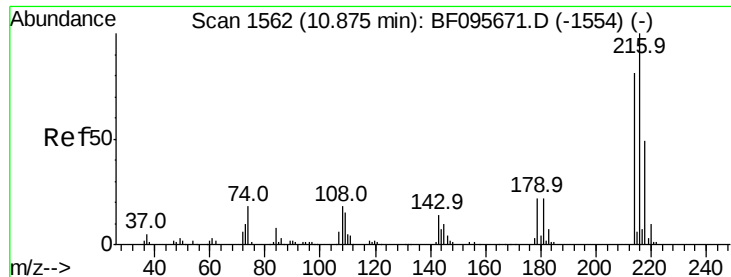
mohammad
6/8/2017 12:18:36 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139013		
162	104.5	82.6	123.8	
160	44.8	36.2	54.2	





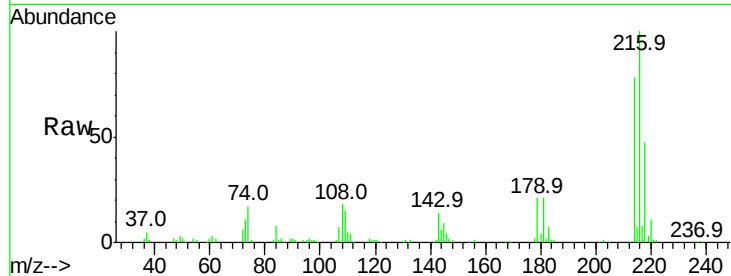
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.52 ng
 RT: 10.86 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

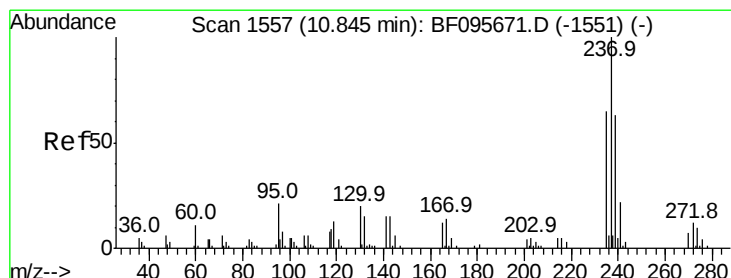
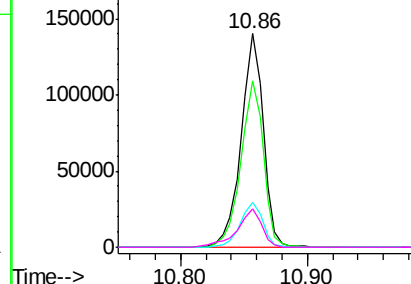
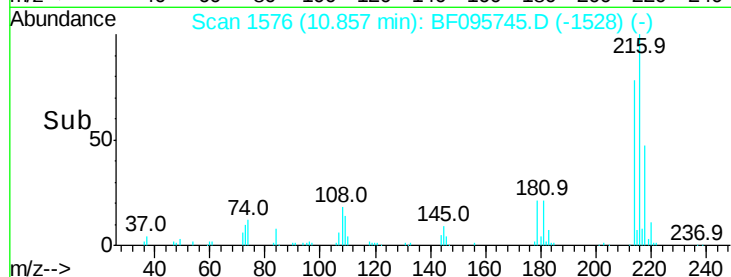
Tot Ion	Ratio	Resp	Lower	Upper
216	100	168576		
214	79.2	63.4	95.2	
179	21.3	17.9	26.9	
108	20.1	16.5	24.7	

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM

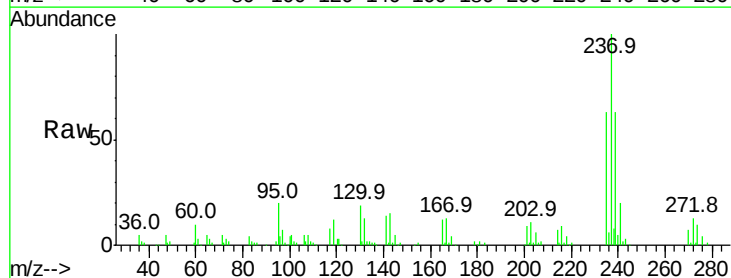


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

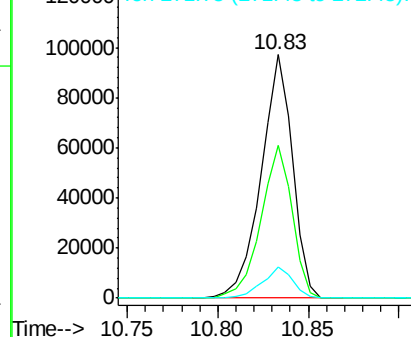
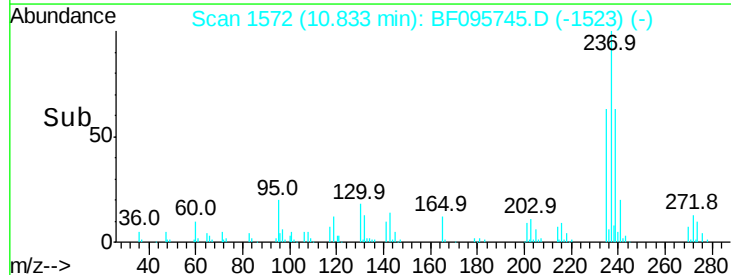


#40
 Hexachlorocyclopentadiene
 Concen: 88.24 ng
 RT: 10.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	116828		
235	62.9	42.6	82.6	
272	12.7	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





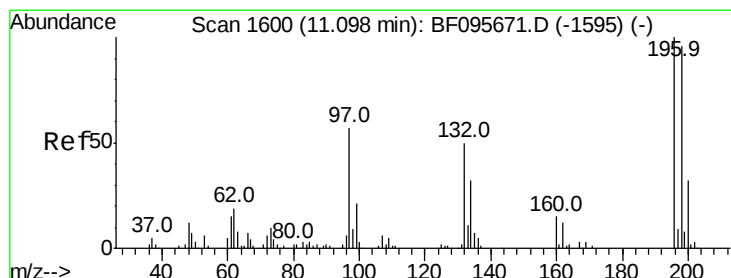
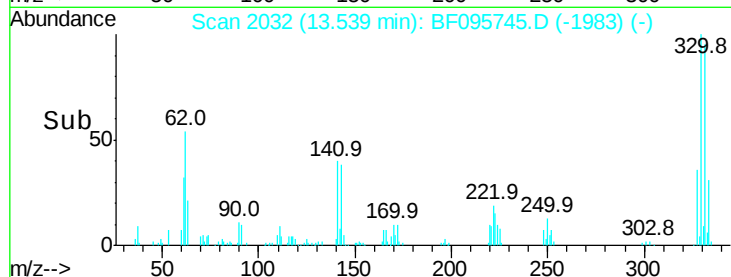
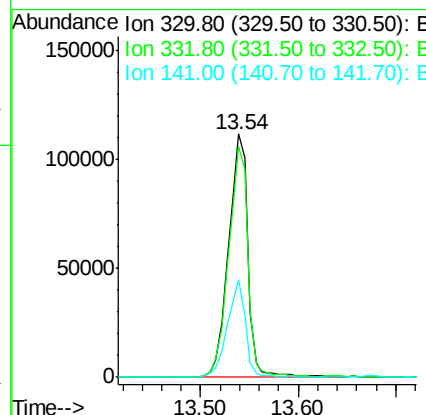
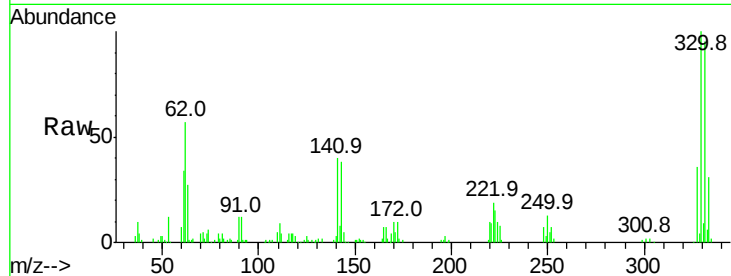
#41
 2,4,6-Tribromophenol
 Concen: 126.24 ng
 RT: 13.54 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampled :
 PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155271		
332	94.6	76.6	115.0	
141	37.6	31.4	47.2	

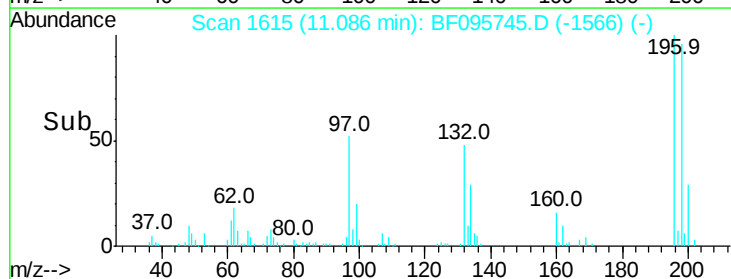
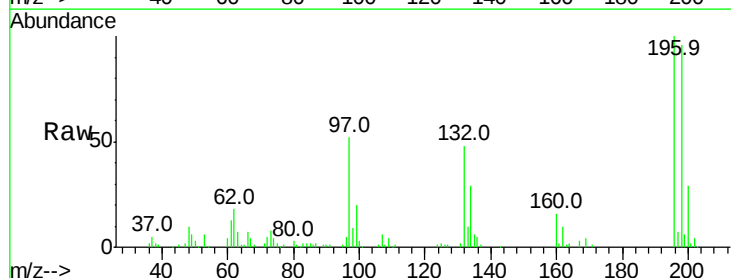
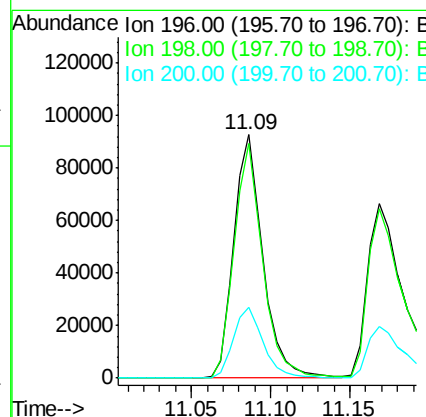
Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.15 ng
 RT: 11.09 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118086		
198	96.5	74.2	111.4	
200	29.2	24.0	36.0	





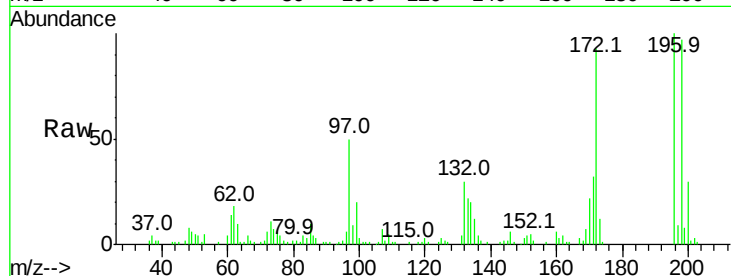
#43
 2,4,5-Trichlorophenol
 Concen: 41.60 ng
 RT: 11.17 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

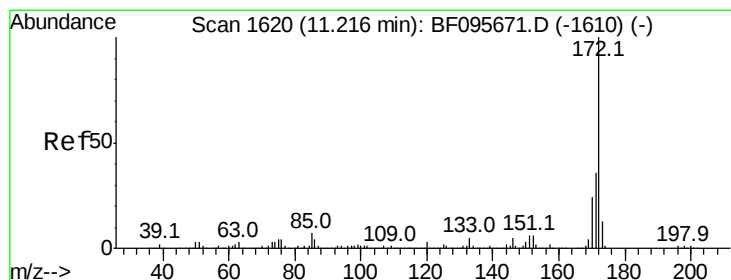
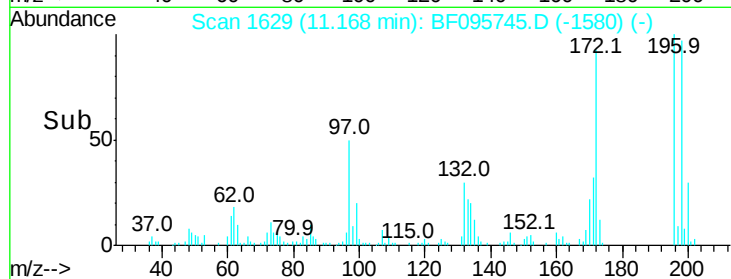
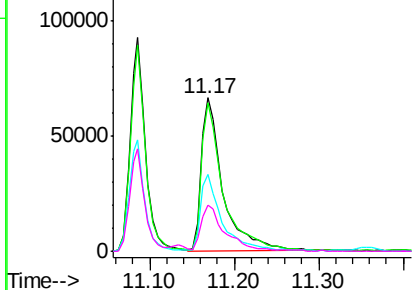
Tot Ion	Ratio	Resp	Lower	Upper
196	100	118373		
198	97.3	75.7	113.5	
97	50.5	47.7	71.5	
132	30.3	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM



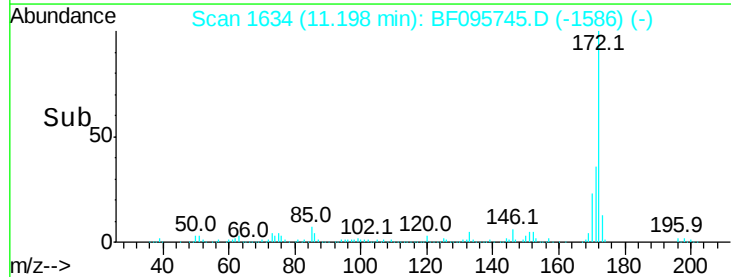
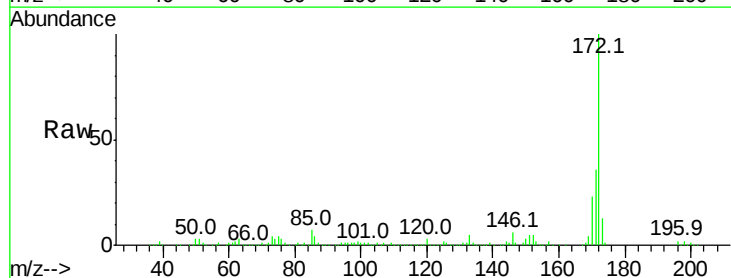
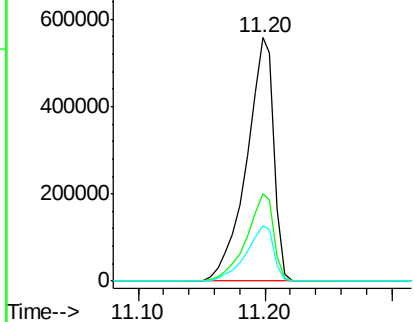
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

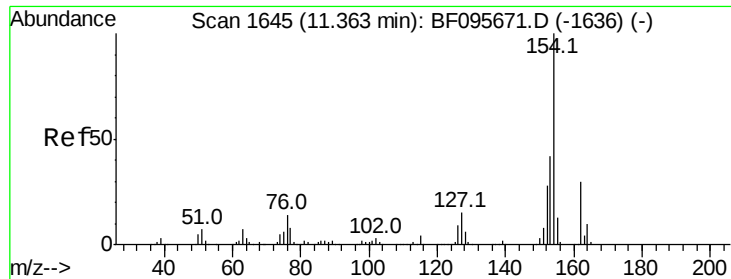


#44
 2-Fluorobiphenyl
 Concen: 83.65 ng
 RT: 11.20 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	835656		
171	36.2	29.6	44.4	
170	23.0	19.8	29.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.72 ng

RT: 11.34 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

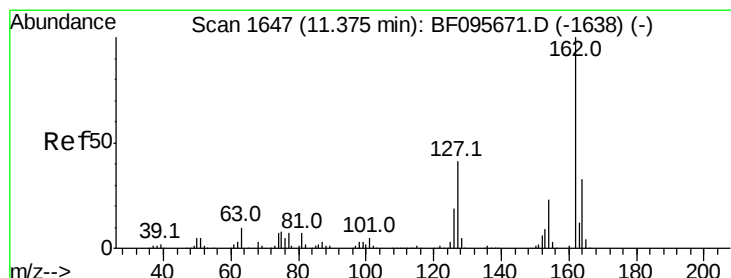
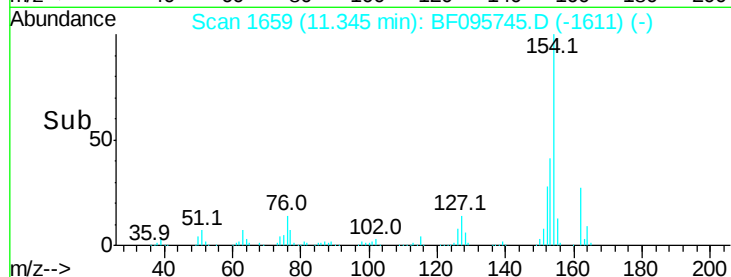
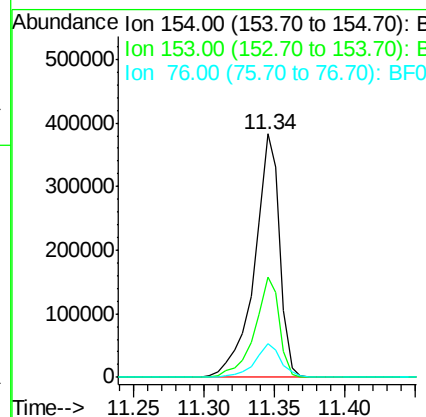
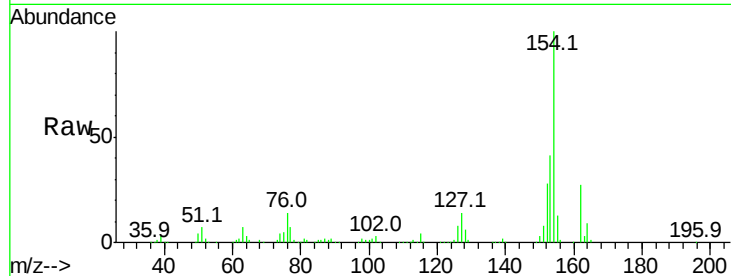
ClientSampleId :

PB99520BS

Tot Ion:	154	Resp:	478004
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.2	61.2
76	13.8	0.0	29.9

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#46

2-Chloronaphthalene

Concen: 41.33 ng

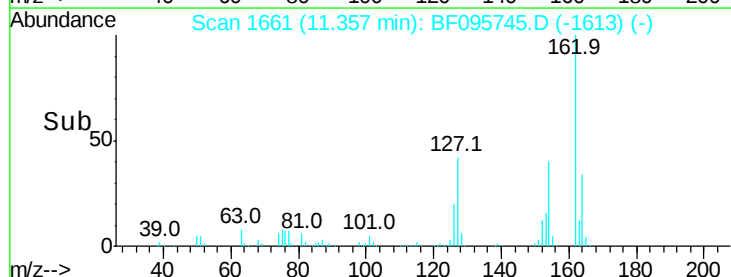
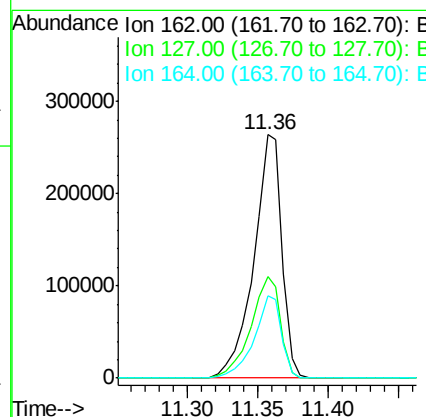
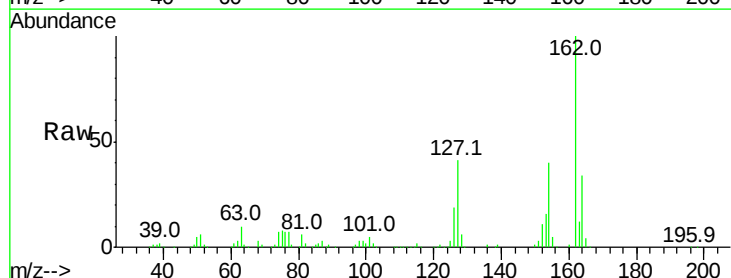
RT: 11.36 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	162	Resp:	370001
Ion Ratio	Lower	Upper	
162	100		
127	41.5	28.3	42.5
164	34.1	27.0	40.4





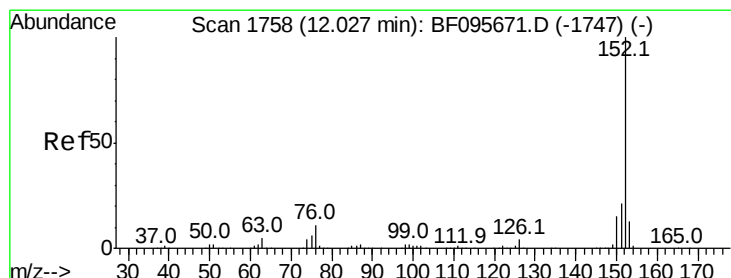
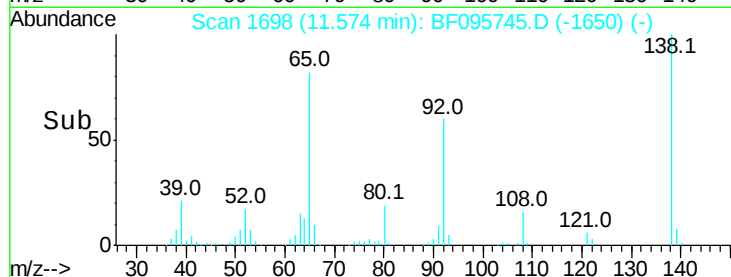
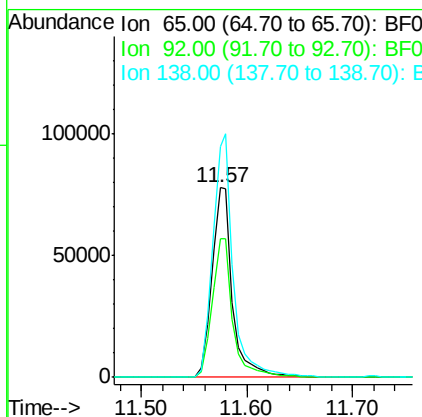
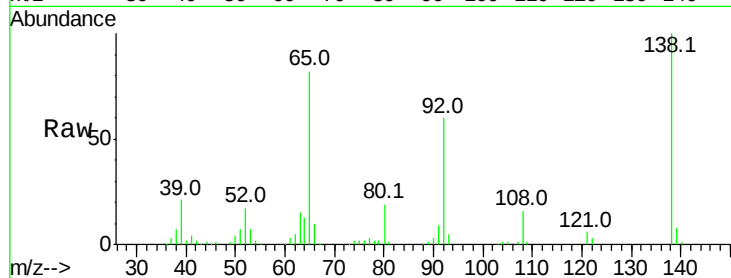
#47
 2-Nitroaniline
 Concen: 40.78 ng
 RT: 11.57 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampled :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	121.5	78.8	118.2

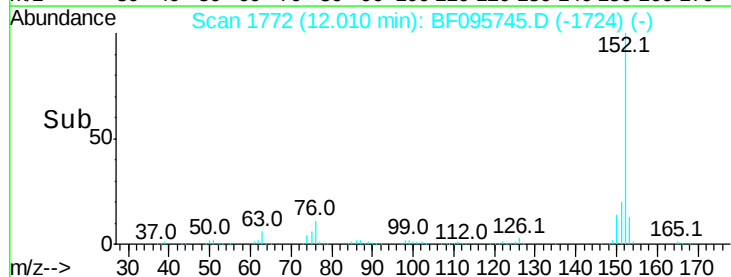
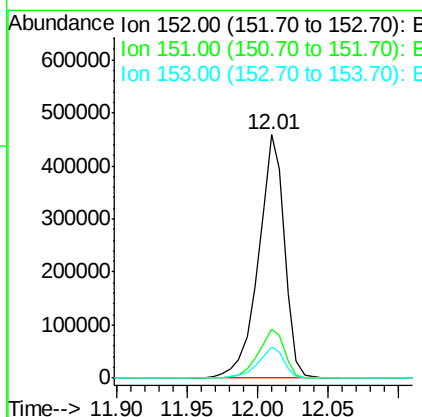
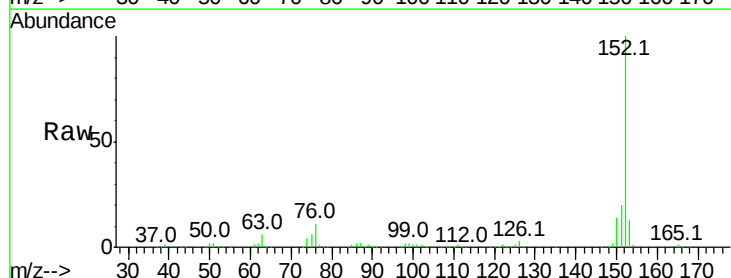
Manual Integrations
 APPROVED

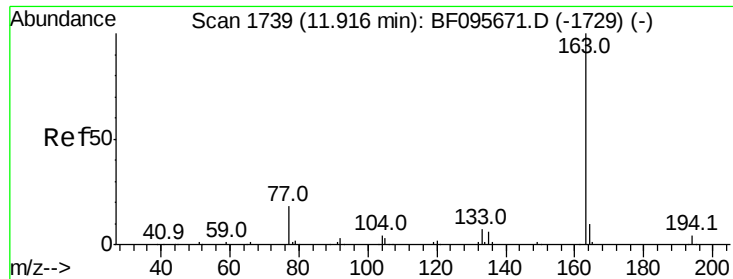
mohammad
 6/8/2017 12:18:36 PM



#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 12.01 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.0	10.8	16.2





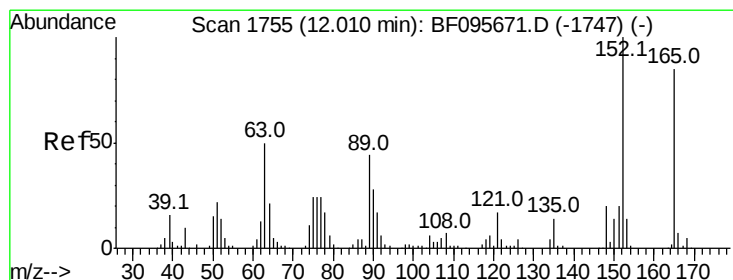
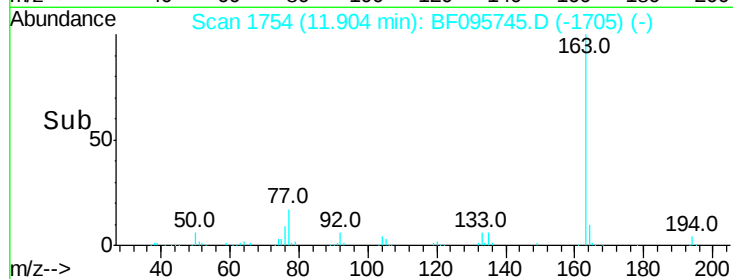
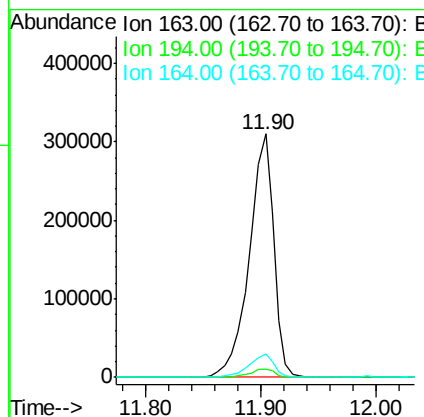
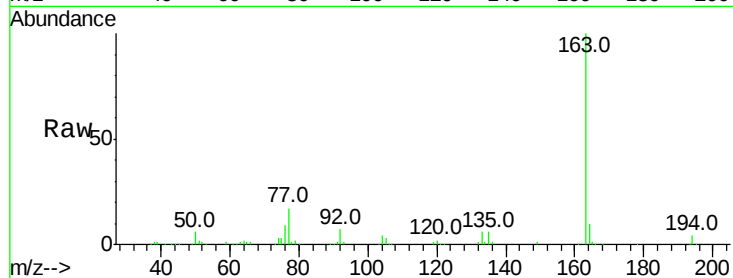
#49
Dimethylphthalate
Concen: 43.33 ng
RT: 11.90 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.7	8.4	12.6	

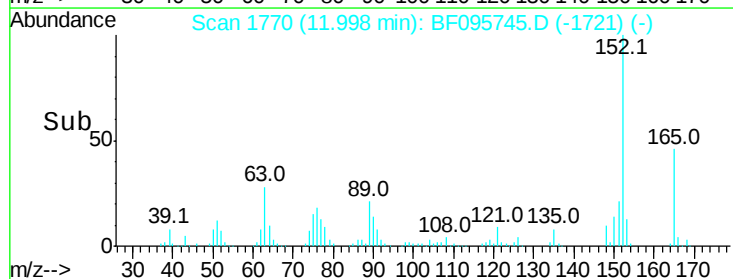
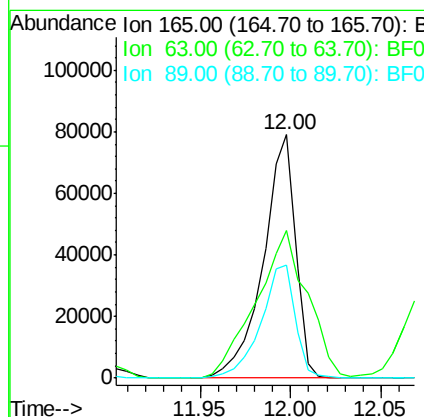
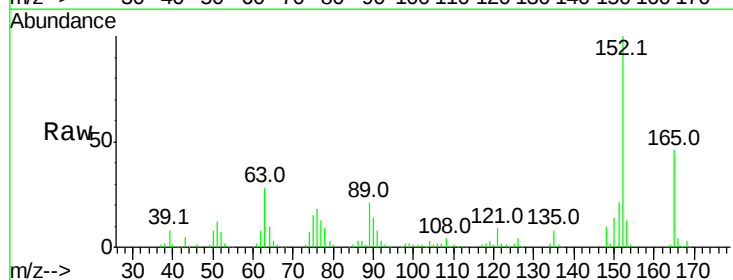
Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#50
2,6-Dinitrotoluene
Concen: 42.46 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.4	34.3	51.5#	
89	46.5	37.1	55.7	





#51

Acenaphthene

Concen: 39.81 ng

RT: 12.30 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

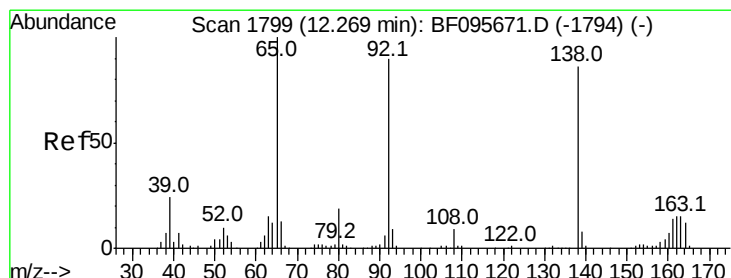
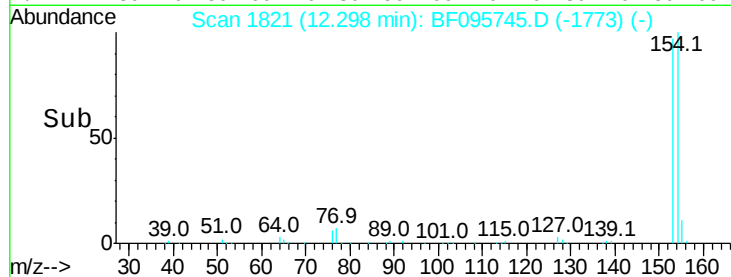
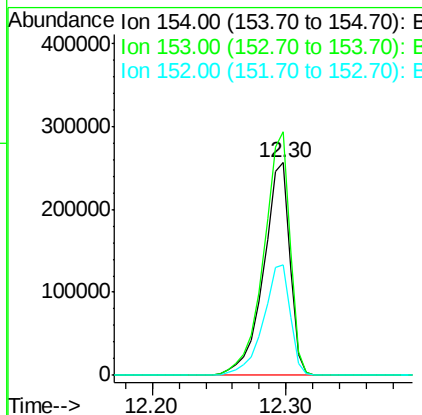
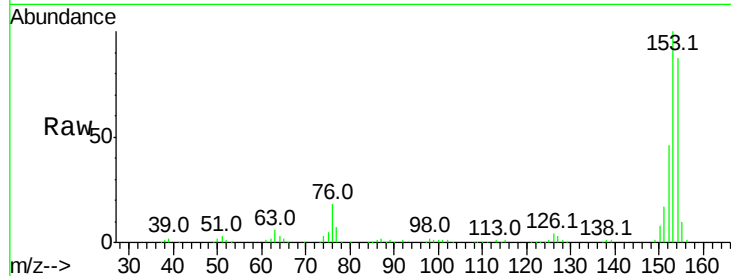
ClientSampleId :

PB99520BS

Tot Ion:	154	Resp:	351934
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.5	135.7
152	52.3	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#52

3-Nitroaniline

Concen: 26.11 ng

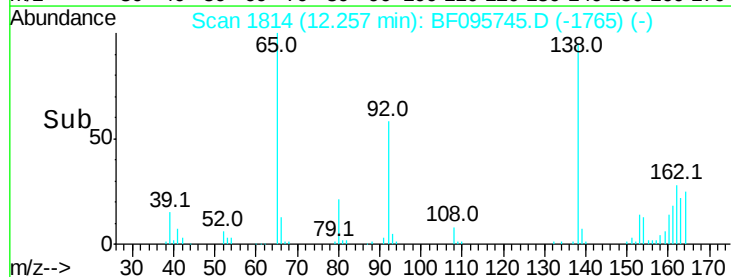
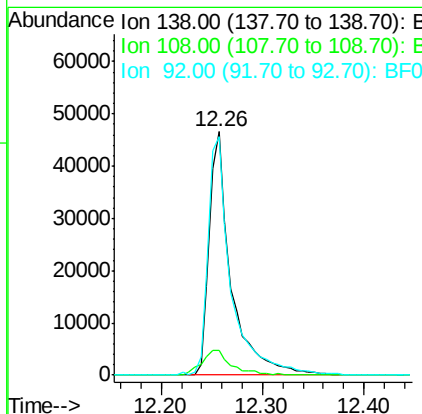
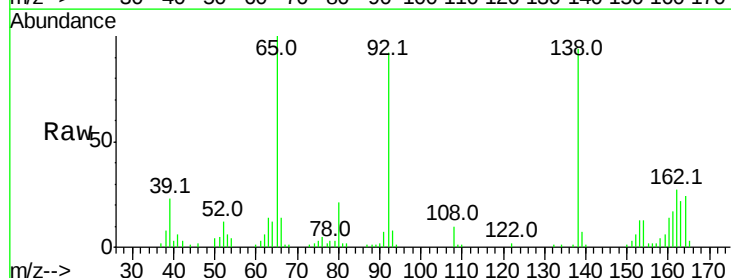
RT: 12.26 min Scan# 1814

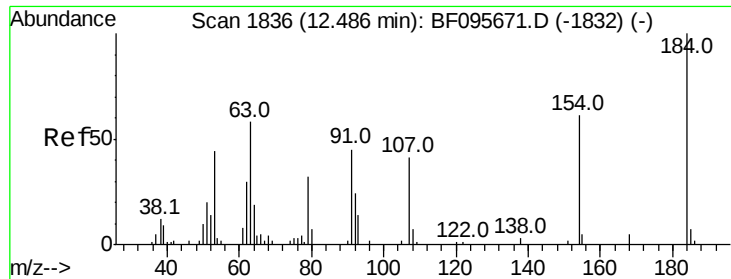
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	138	Resp:	70040
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.1	13.7
92	97.9	93.8	140.6





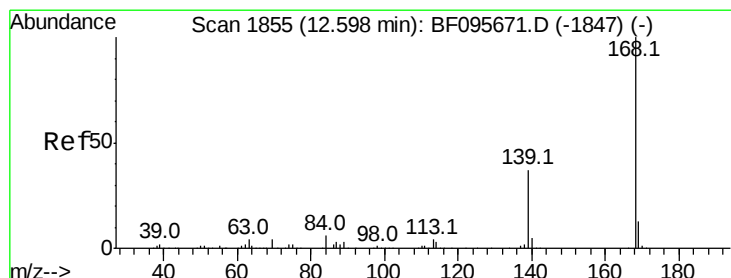
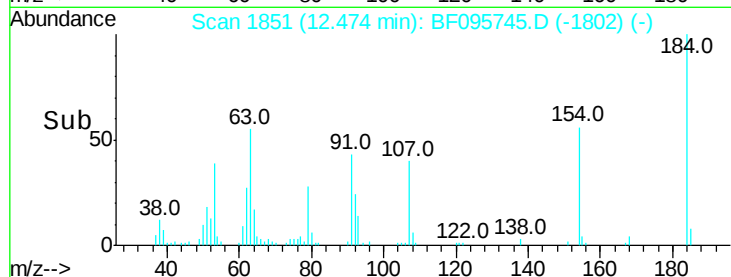
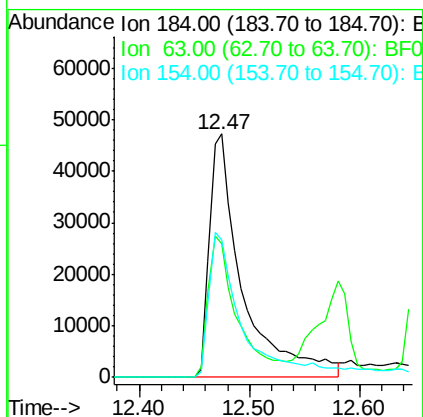
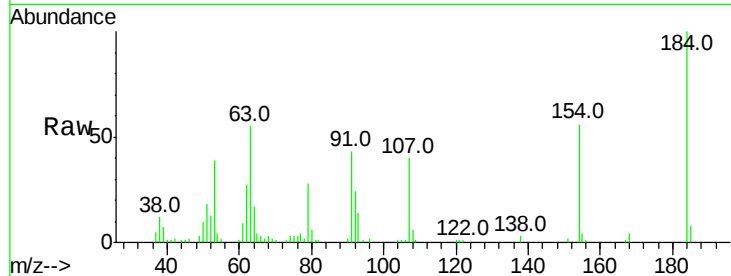
#53
 2,4-Dinitrophenol
 Concen: 74.96 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.9	62.7	94.1#
154	56.3	81.1	121.7#

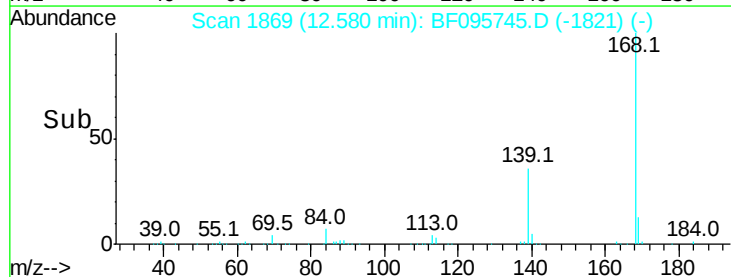
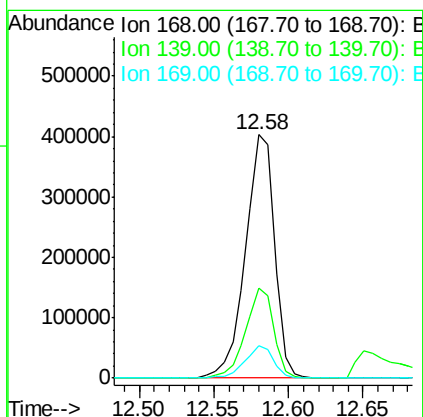
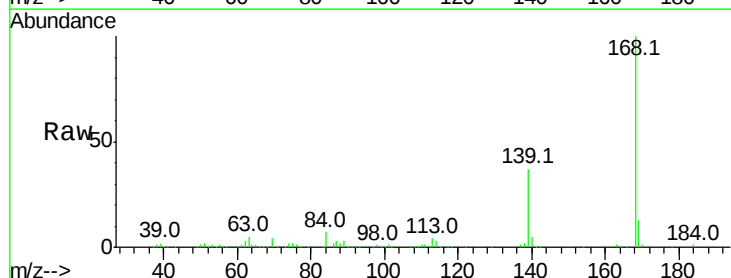
Manual Integrations
 APPROVED

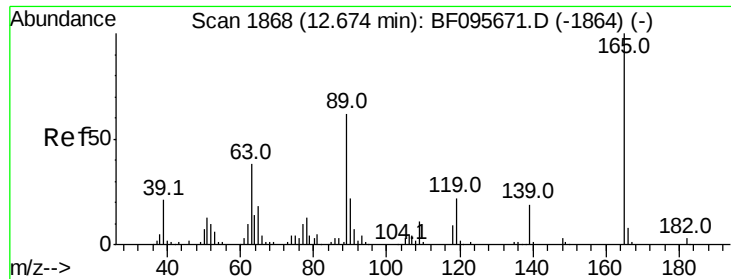
mohammad
 6/8/2017 12:18:36 PM



#54
 Dibenzofuran
 Concen: 43.58 ng
 RT: 12.58 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	13.4	10.8	16.2





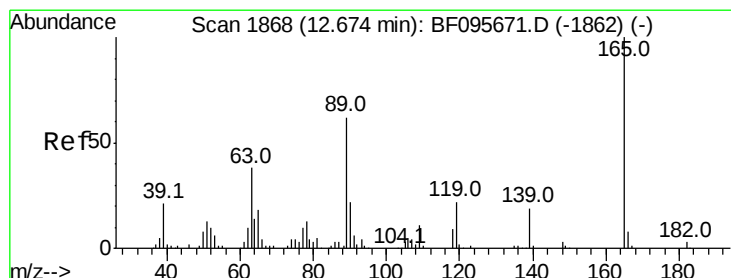
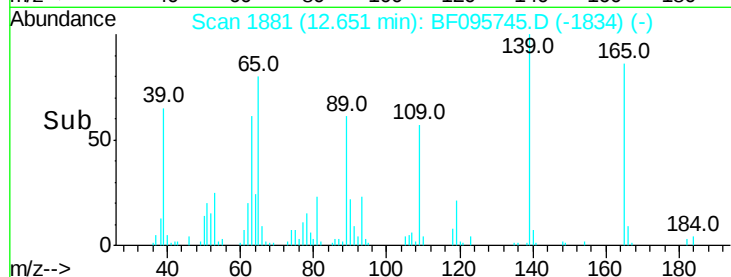
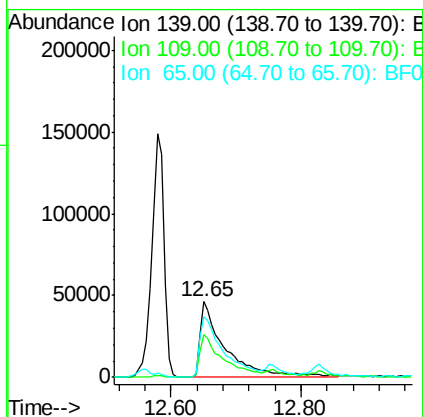
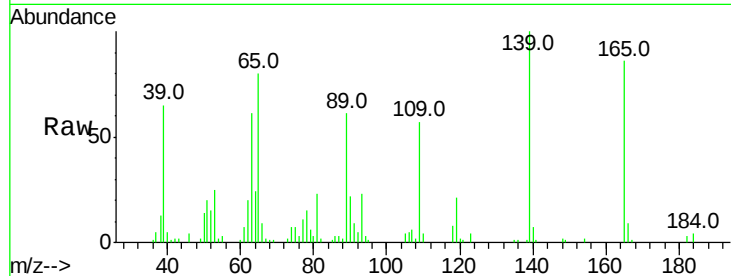
#55
4-Nitrophenol
Concen: 78.98 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampled :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.9	34.1	74.1	
65	80.4	31.4	71.4	

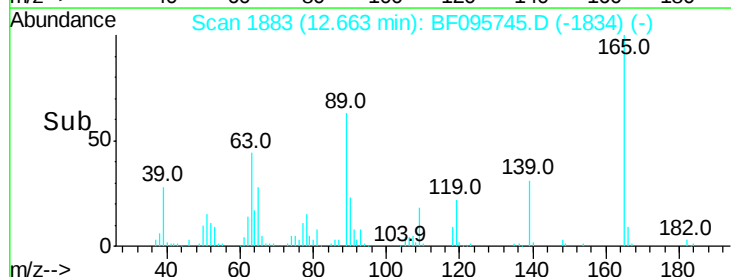
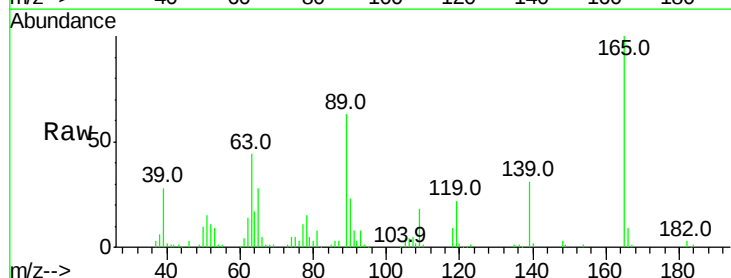
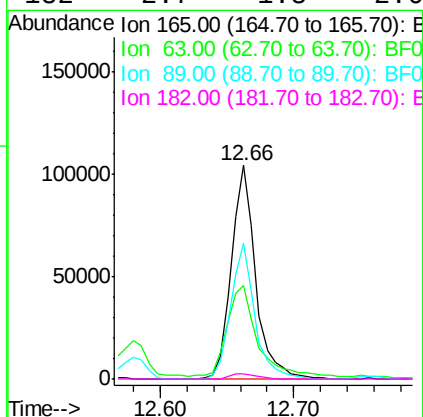
Manual Integrations
APPROVED

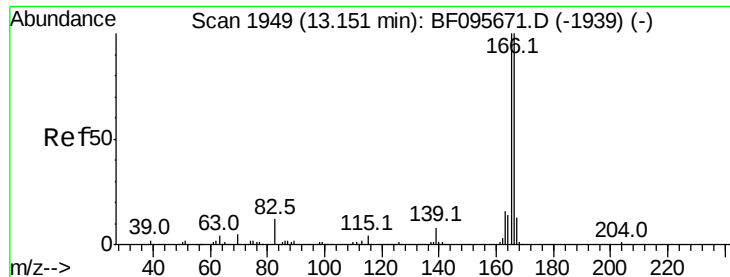
mohammad
6/8/2017 12:18:36 PM



#56
2,4-Dinitrotoluene
Concen: 42.95 ng
RT: 12.66 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.7	25.4	38.0	
89	63.4	46.4	69.6	
182	2.7	1.8	2.6	





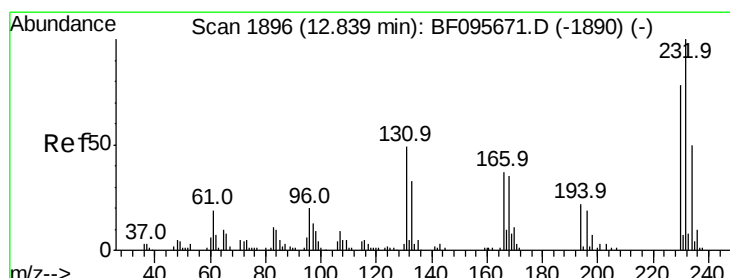
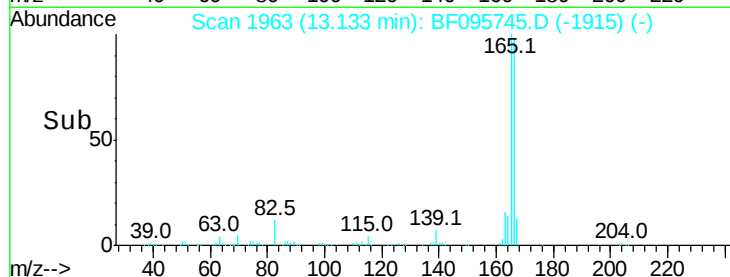
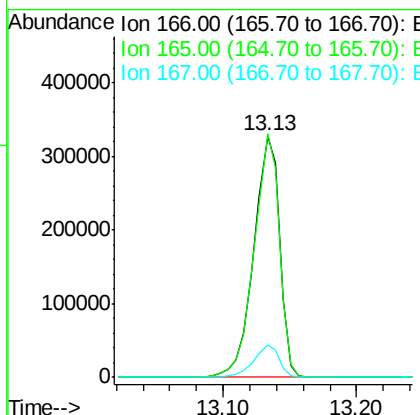
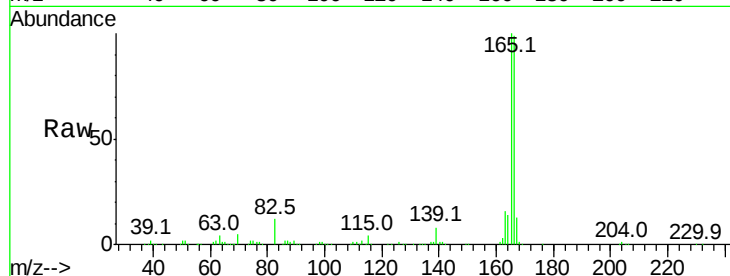
#57
 Fluorene
 Concen: 40.09 ng
 RT: 13.13 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.8	118.2
167	13.5	10.6	16.0

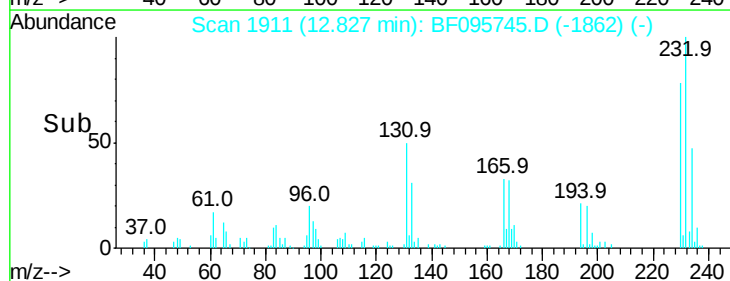
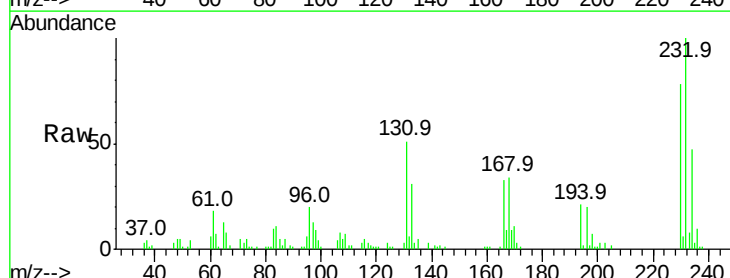
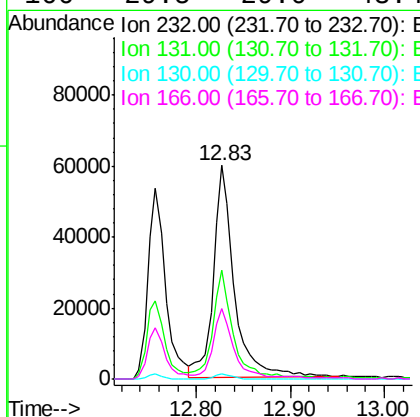
Manual Integrations
 APPROVED

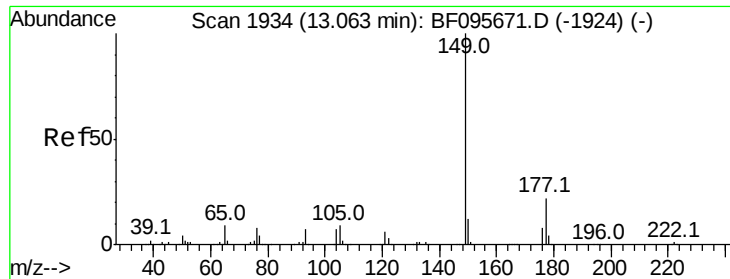
mohammad
 6/8/2017 12:18:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.15 ng
 RT: 12.83 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.2	44.8	67.2
130	2.0	2.3	3.5#
166	29.5	29.0	43.4





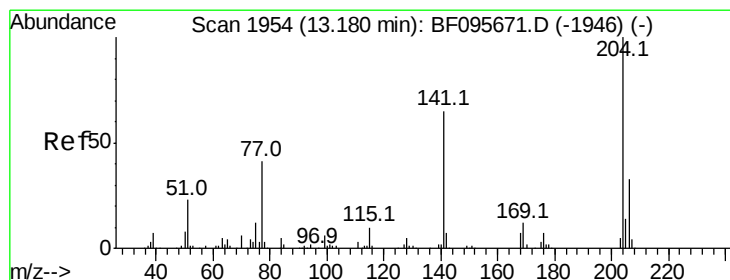
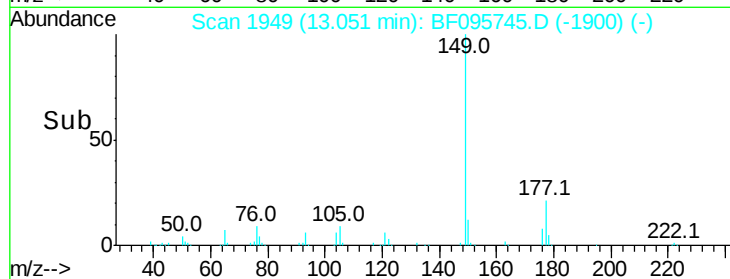
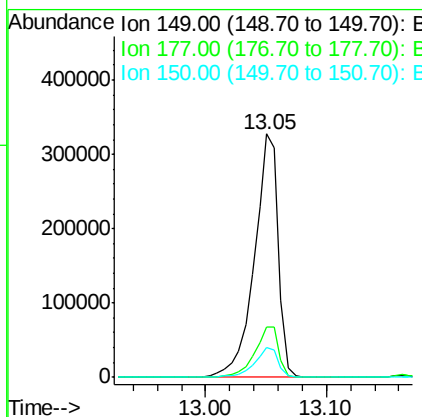
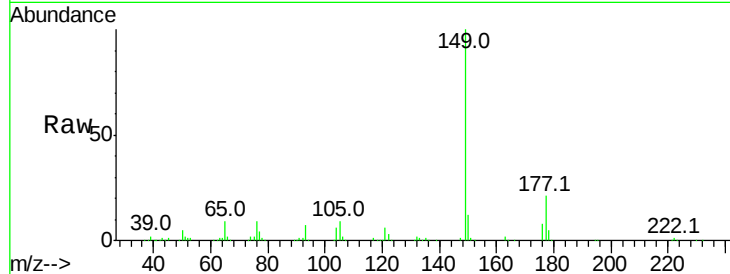
#59
Diethylphthalate
Concen: 44.07 ng
RT: 13.05 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion:	149	Resp:	447604
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.7	25.1
150	12.5	10.2	15.2

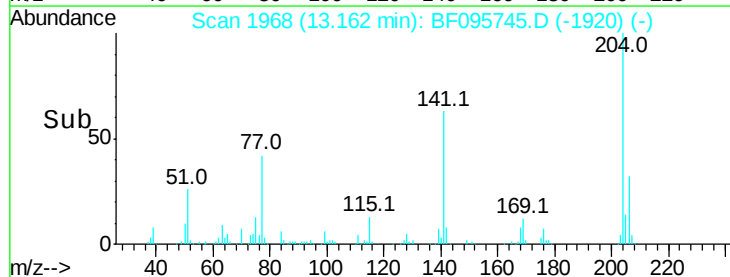
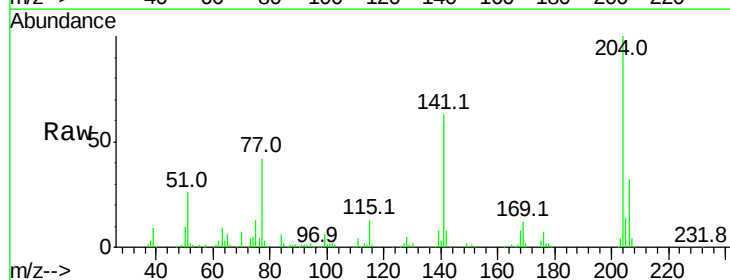
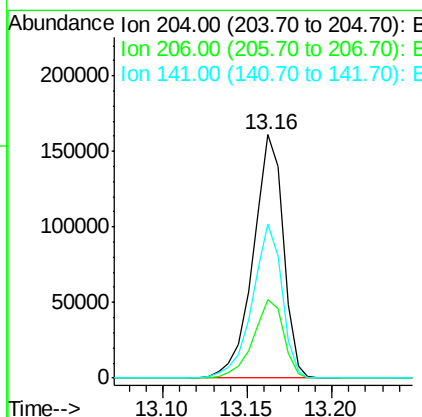
Manual Integrations
APPROVED

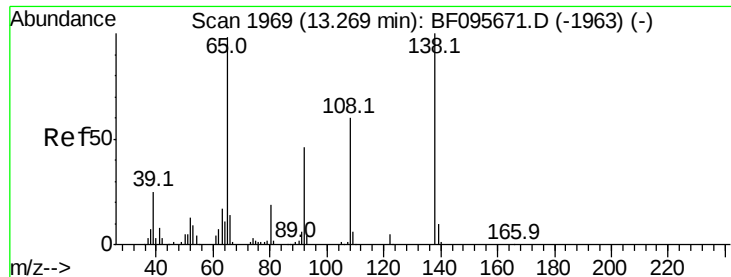
mohammad
6/8/2017 12:18:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.58 ng
RT: 13.16 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion:	204	Resp:	200484
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.2	39.2
141	63.4	60.8	91.2





#61

4-Nitroaniline

Concen: 40.42 ng

RT: 13.26 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

ClientSampleId :

PB99520BS

Tot Ion:138 Resp: 101229

Ion Ratio Lower Upper

138 100

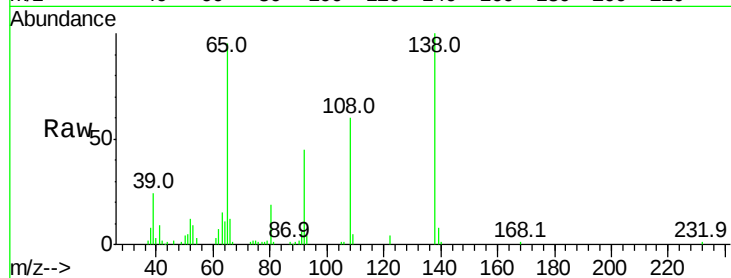
92 44.6 21.8 61.8

108 59.8 42.3 82.3

Manual Integrations
APPROVED

mohammad

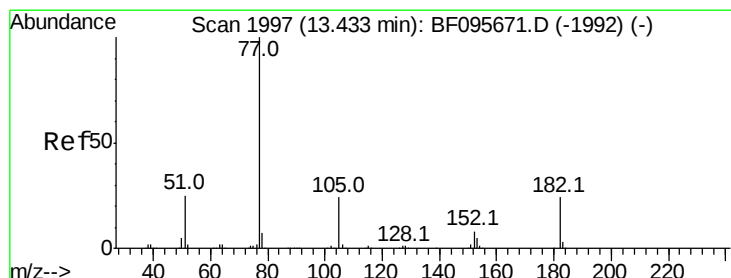
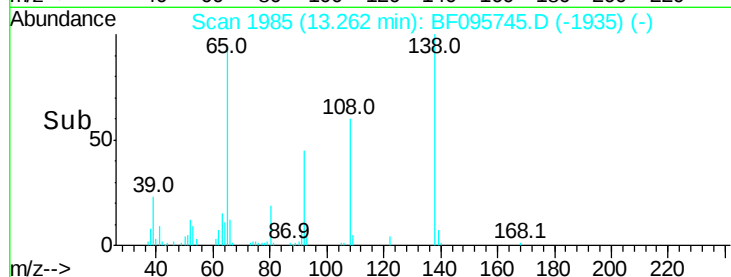
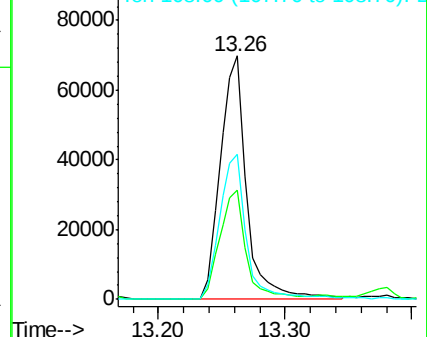
6/8/2017 12:18:36 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.05 ng

RT: 13.42 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion: 77 Resp: 405527

Ion Ratio Lower Upper

77 100

182 23.9 0.1 40.1

105 23.3 3.6 43.6

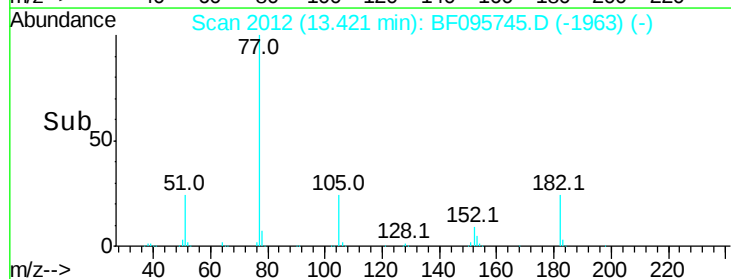
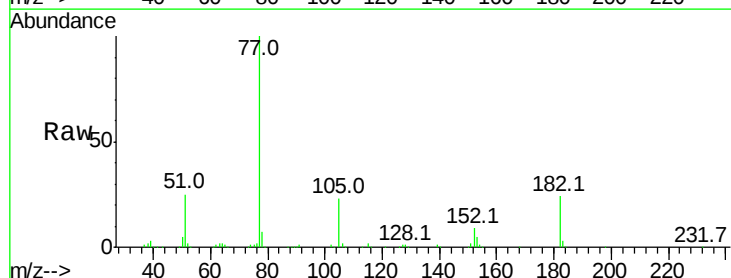
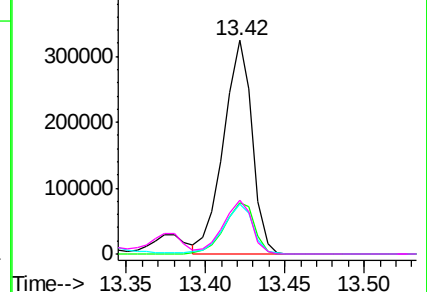
51 25.2 9.4 49.4

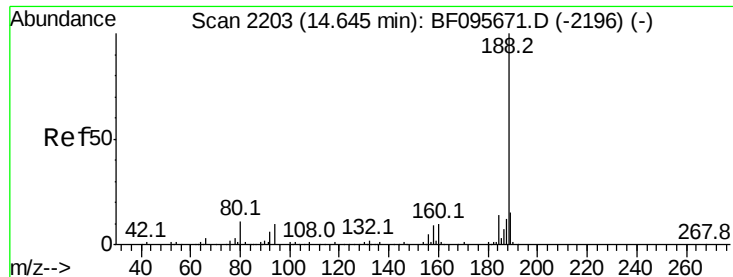
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

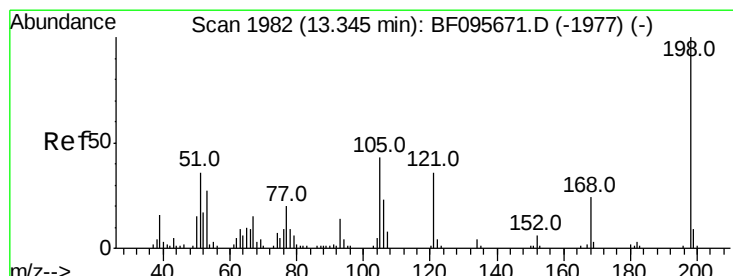
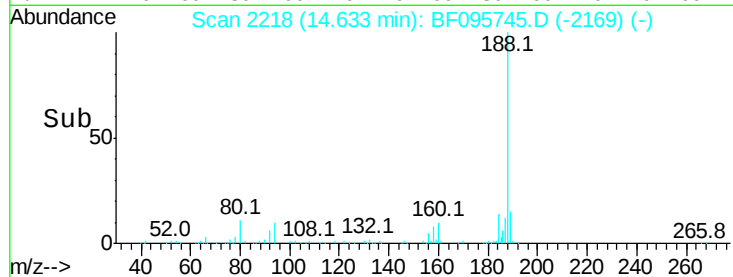
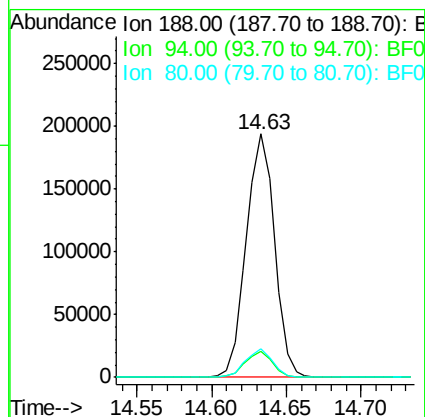
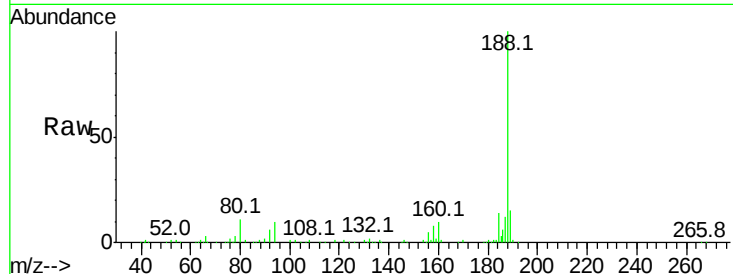
ClientSampleId :

PB99520BS

Tot Ion:	188	Resp:	254167
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 40.69 ng

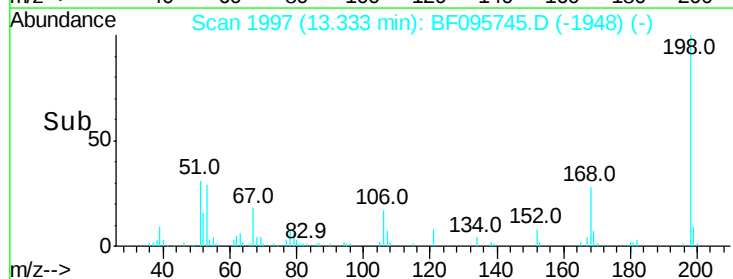
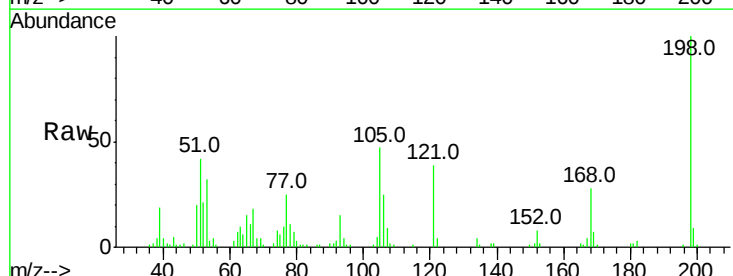
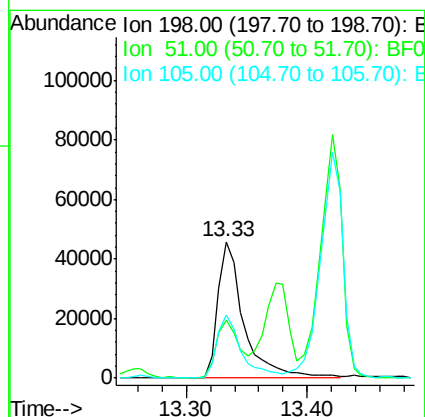
RT: 13.33 min Scan# 1997

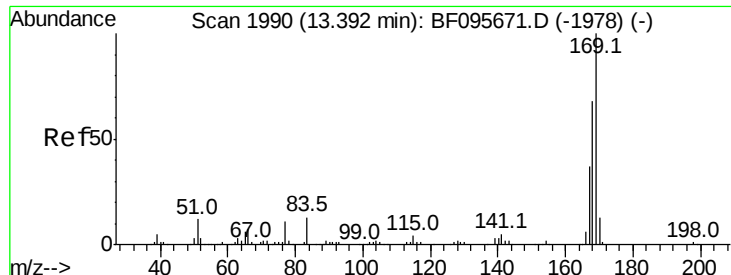
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	198	Resp:	67972
Ion Ratio	Lower	Upper	
198	100		
51	42.3	53.2	93.2#
105	46.7	45.8	85.8





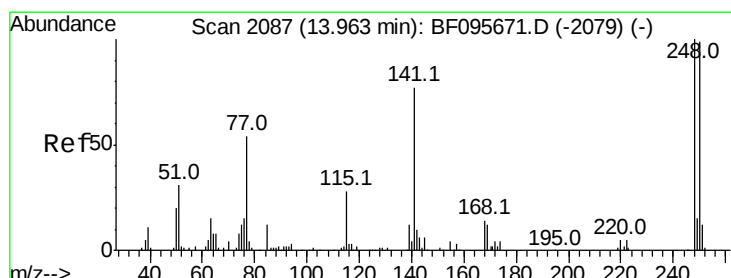
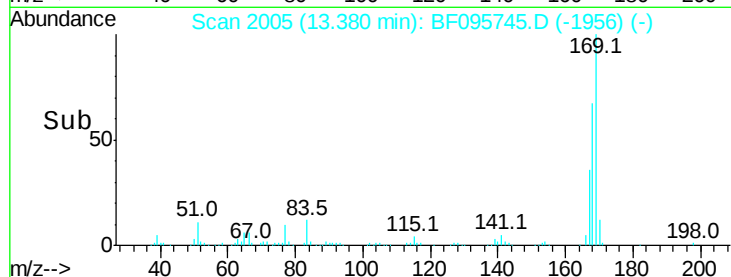
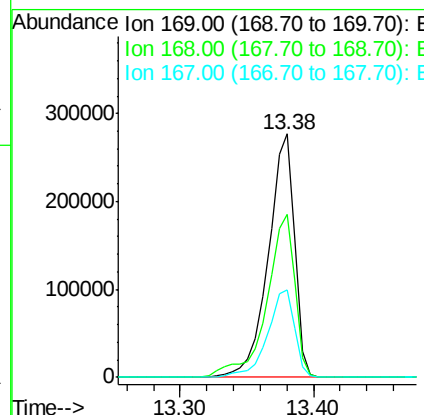
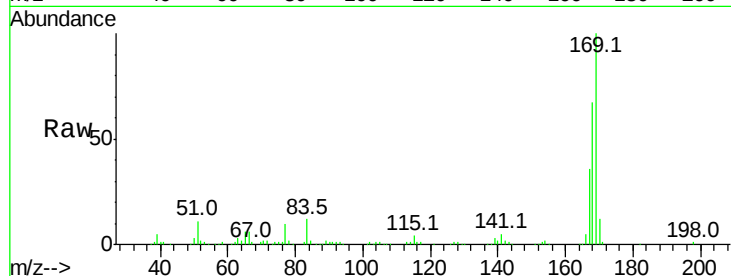
#65
n-Nitrosodiphenylamine
Concen: 41.35 ng
RT: 13.38 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	377610		
168	66.9	53.2	79.8	
167	35.7	29.5	44.3	

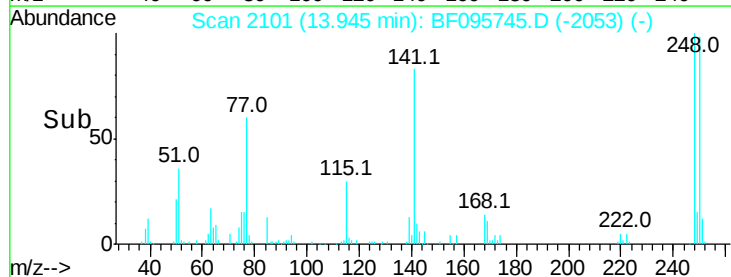
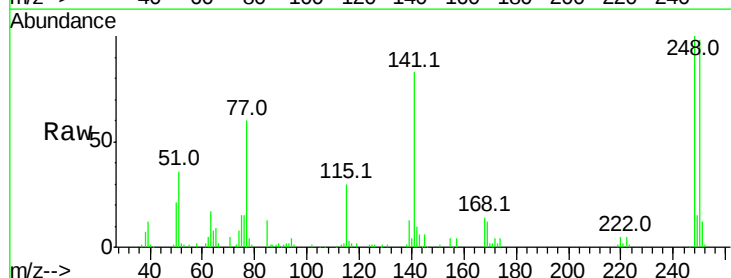
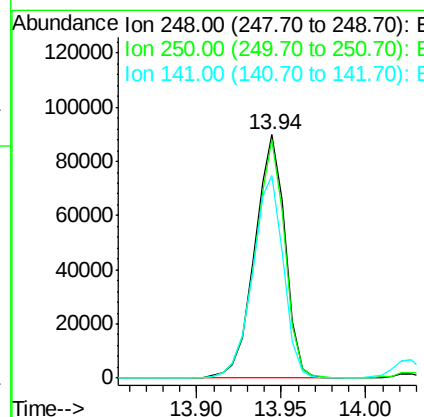
Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#66
4-Bromophenyl-phenylether
Concen: 42.58 ng
RT: 13.94 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	112466		
250	97.8	76.8	115.2	
141	83.2	68.6	103.0	





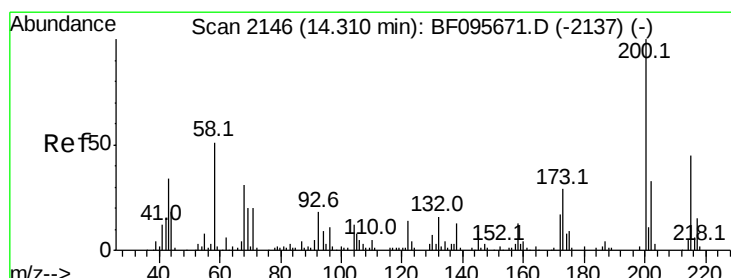
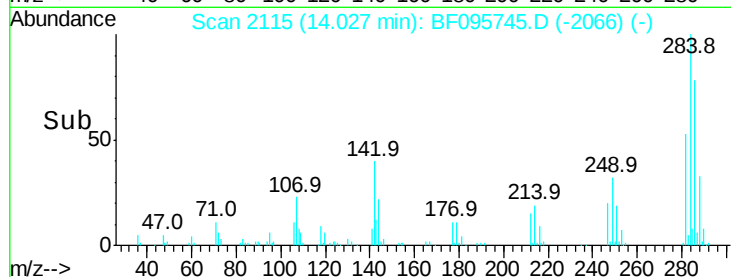
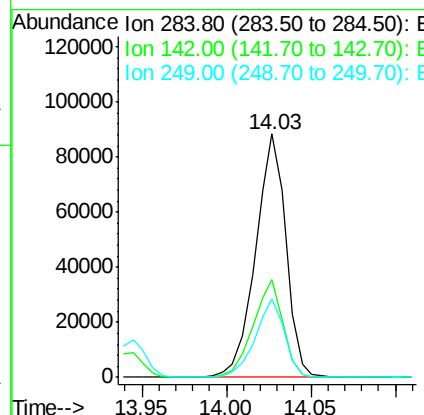
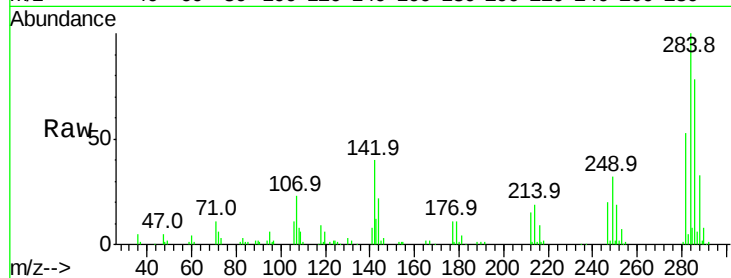
#67
Hexachlorobenzene
Concen: 42.43 ng
RT: 14.03 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.1	22.8	34.2	#
249	32.4	24.0	36.0	

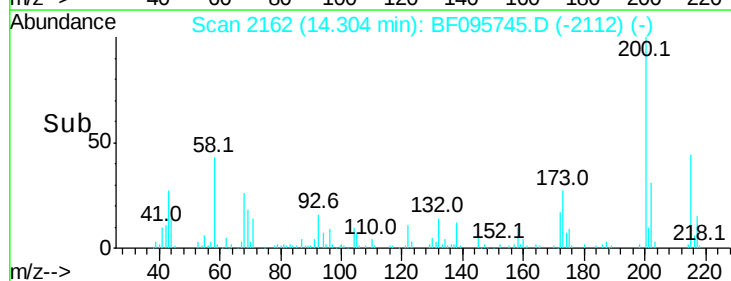
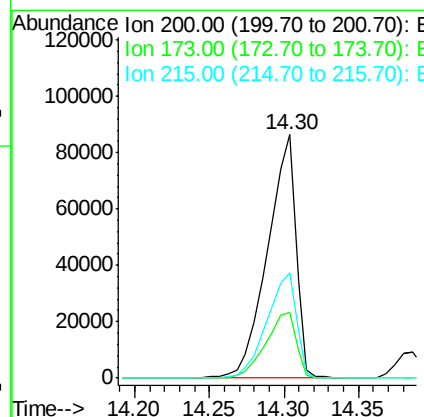
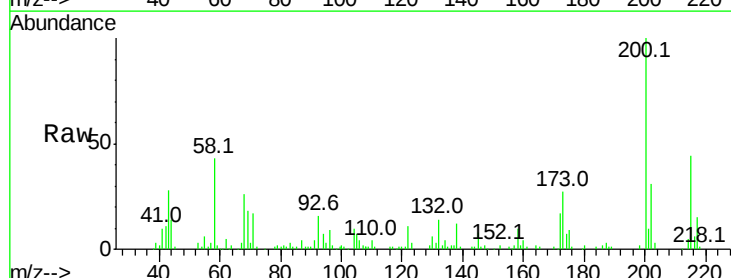
Manual Integrations
APPROVED

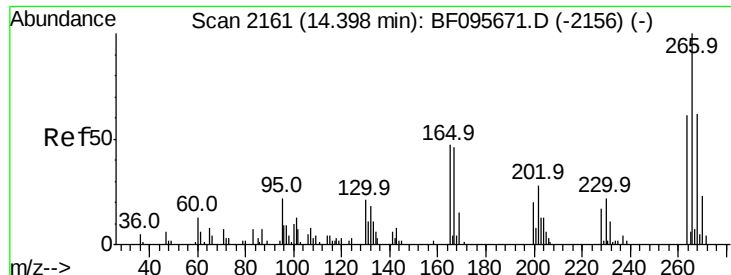
mohammad
6/8/2017 12:18:36 PM



#68
Atrazine
Concen: 44.76 ng
RT: 14.30 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	6.3	46.3	
215	43.5	27.2	67.2	





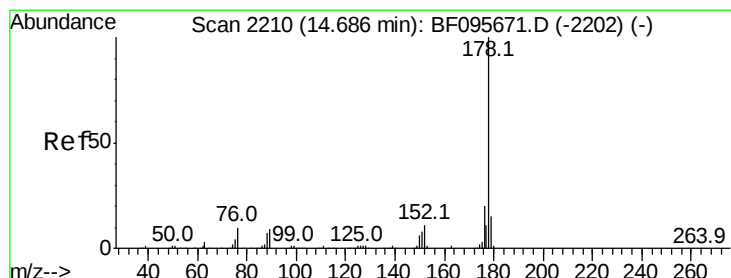
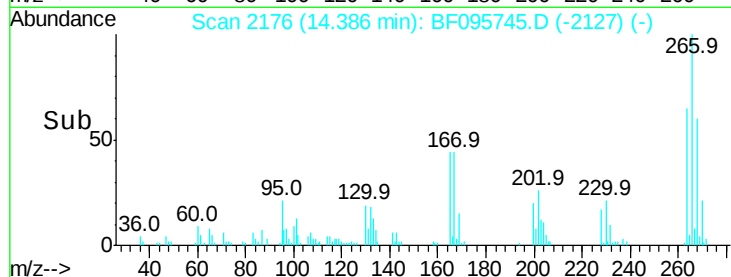
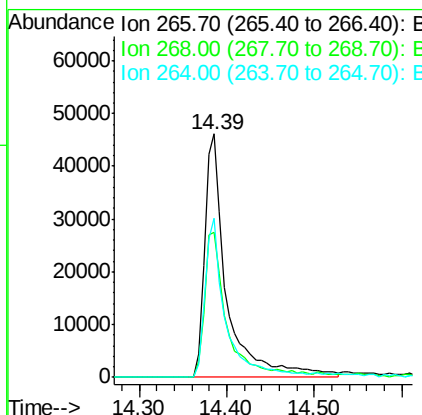
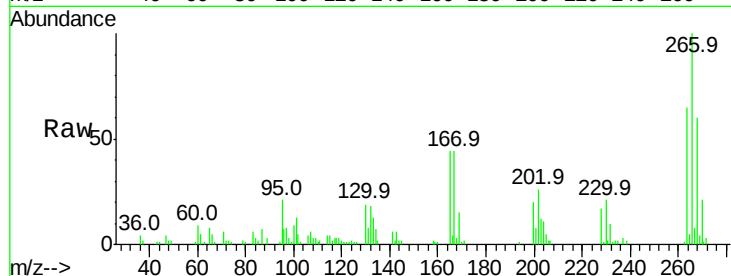
#69
 Pentachlorophenol
 Concen: 81.79 ng
 RT: 14.39 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	80883		
268	59.6		51.1	76.7
264	65.3		51.7	77.5

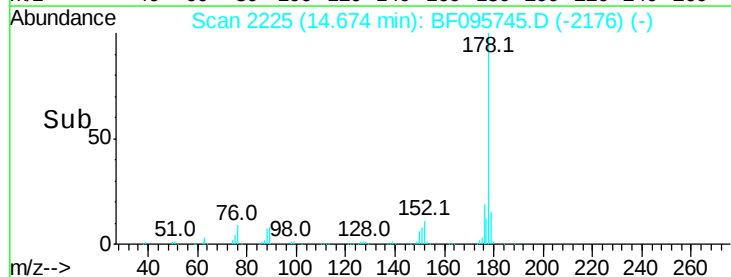
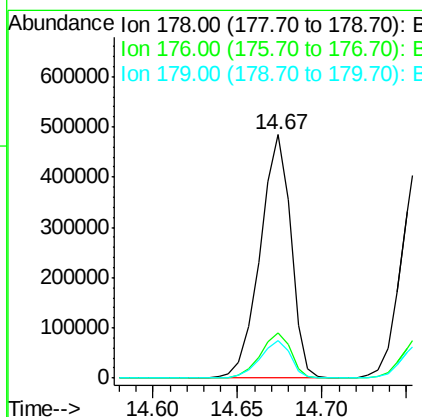
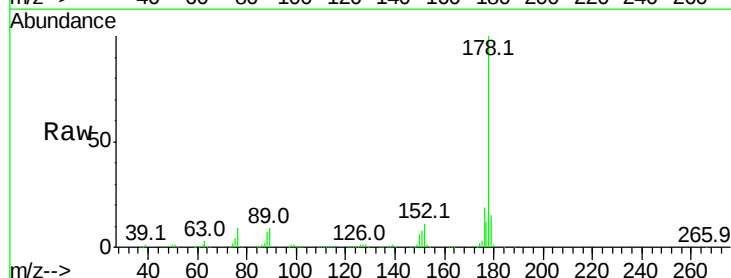
Manual Integrations
 APPROVED

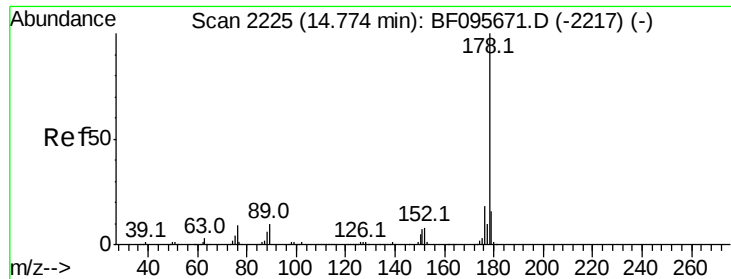
mohammad
 6/8/2017 12:18:36 PM



#70
 Phenanthrene
 Concen: 41.75 ng
 RT: 14.67 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	612233		
176	18.7		16.2	24.4
179	15.2		12.6	19.0





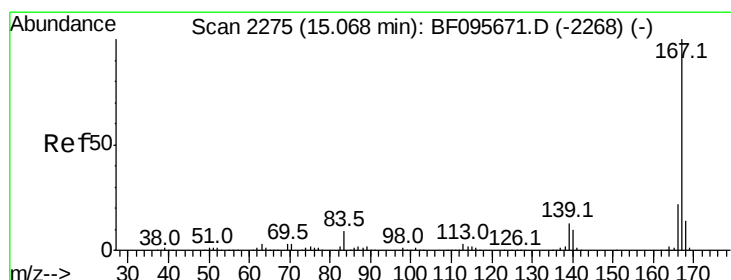
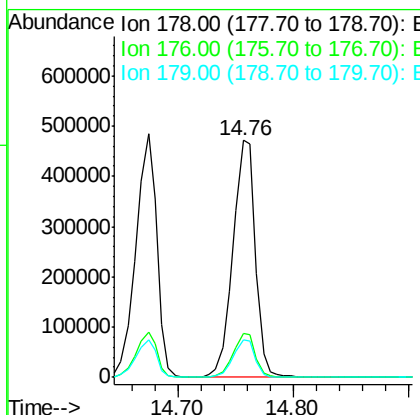
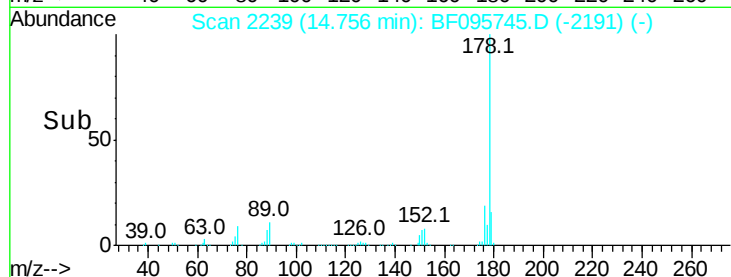
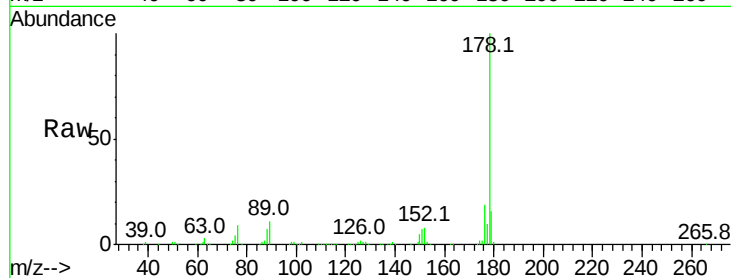
#71
 Anthracene
 Concen: 41.55 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	12.7	19.1

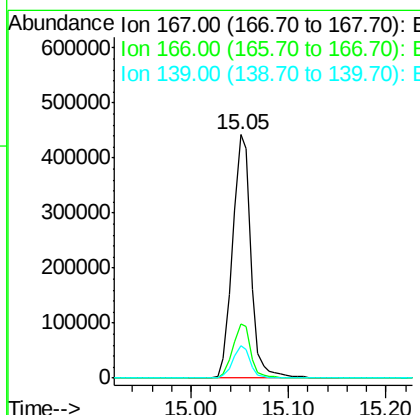
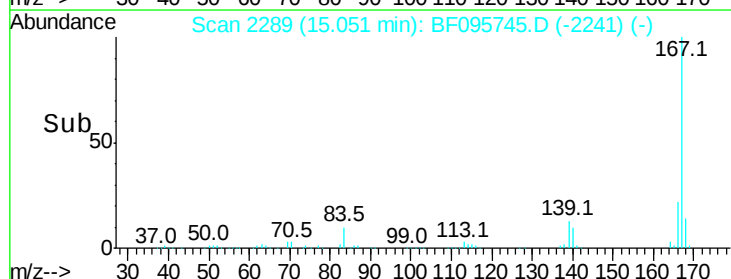
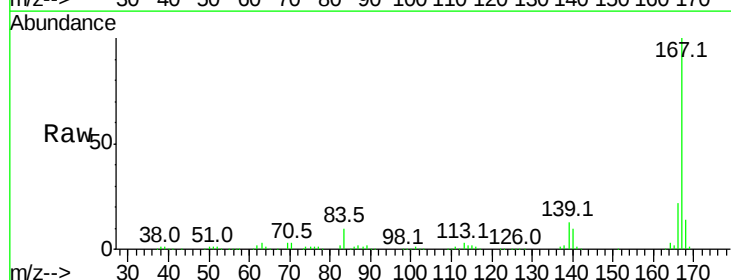
Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM



#72
 Carbazole
 Concen: 38.73 ng
 RT: 15.05 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.78 ng

RT: 15.64 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

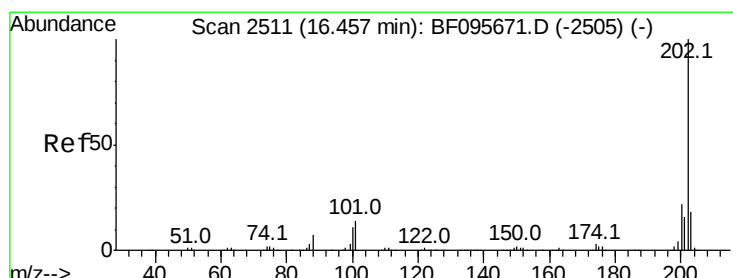
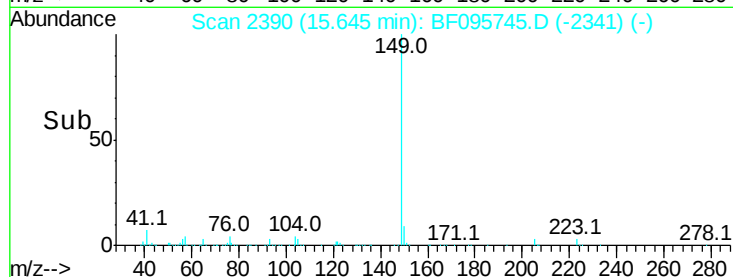
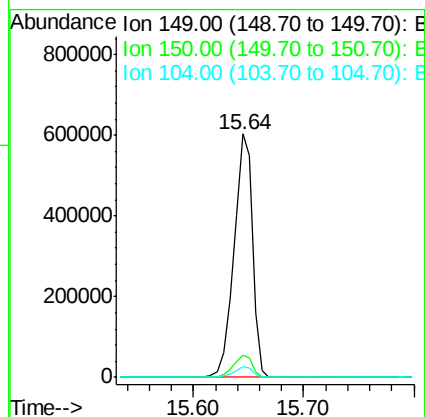
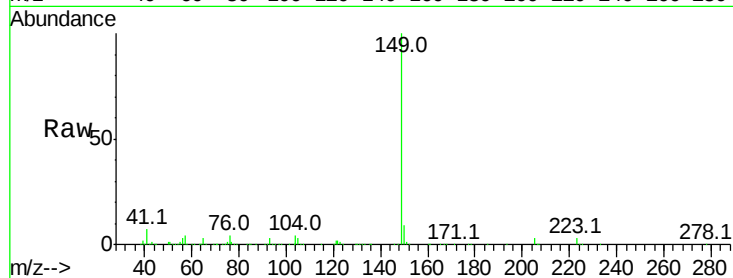
ClientSampleId :

PB99520BS

Tot Ion:	149	Resp:	710868
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#74

Fluoranthene

Concen: 42.74 ng

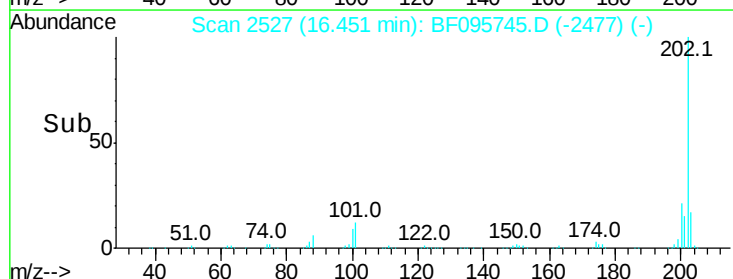
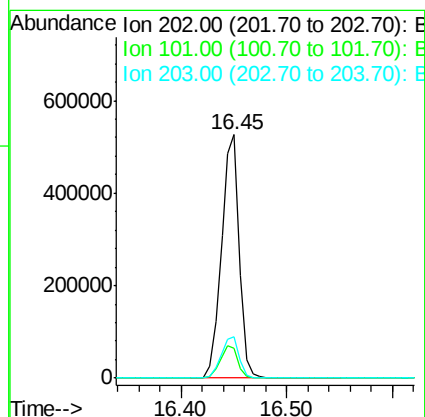
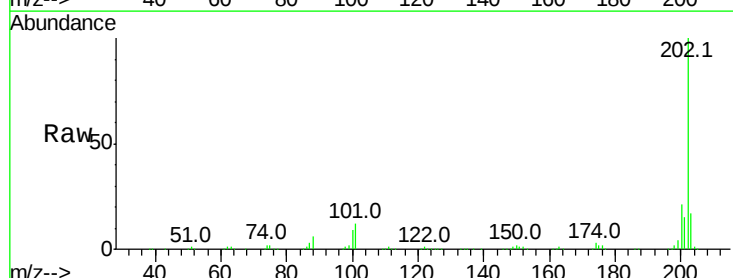
RT: 16.45 min Scan# 2527

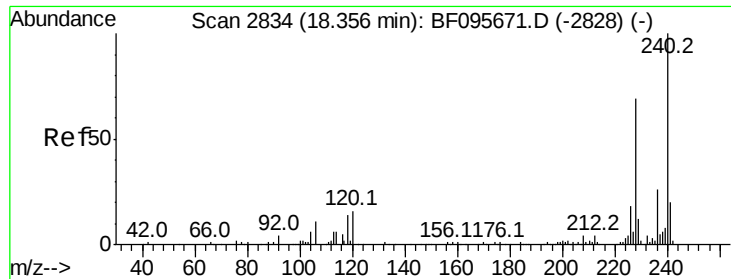
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	202	Resp:	620365
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

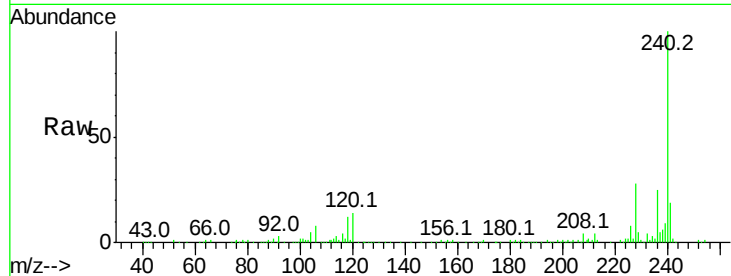
ClientSampleId :

PB99520BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.8	20.5	30.7

Manual Integrations
APPROVED

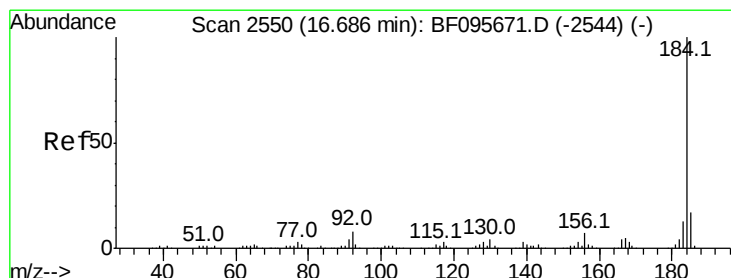
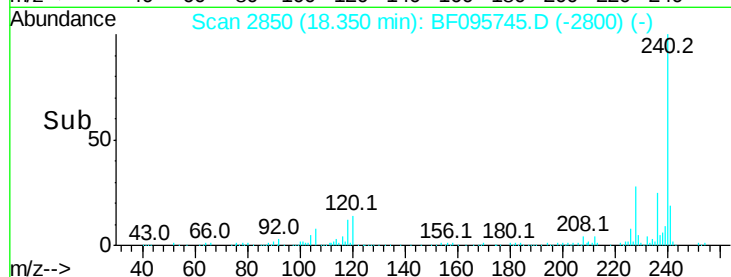
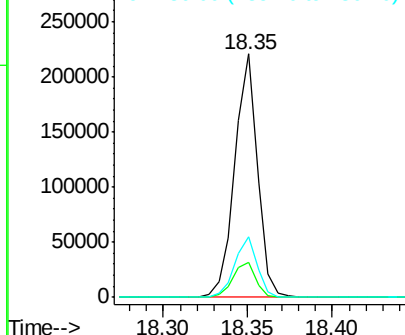
mohammad
6/8/2017 12:18:36 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.97 ng

RT: 16.67 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BF095745.D

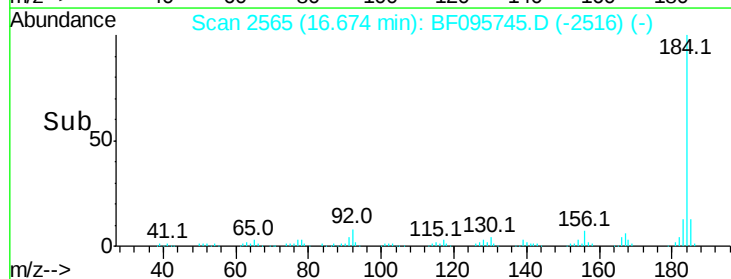
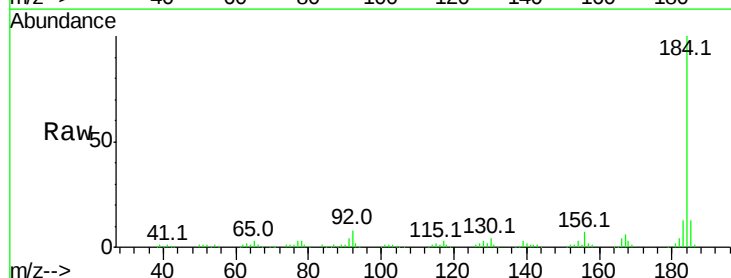
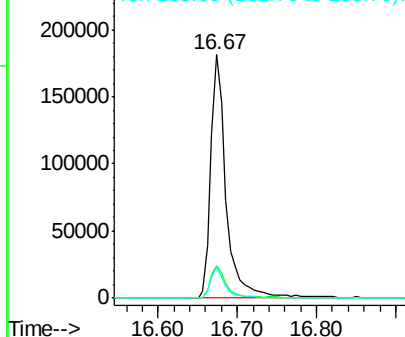
Acq: 7 Jun 2017 14:43

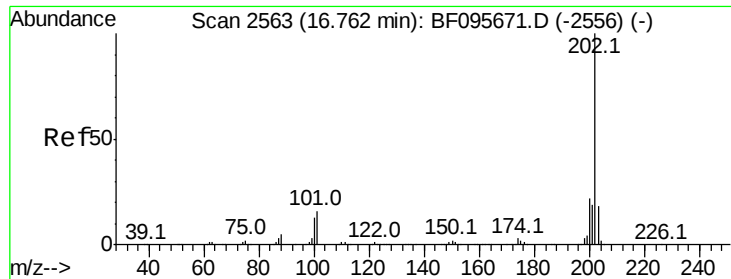
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	15.5	23.3#
183	12.6	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





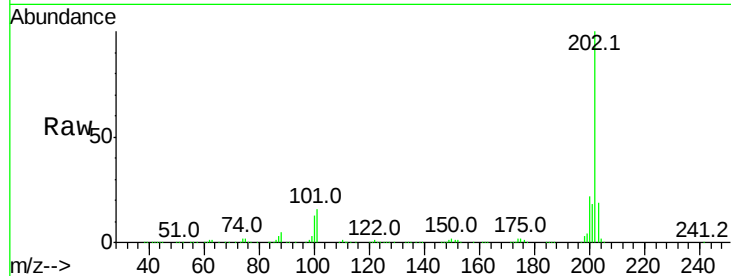
#77
Pvrene
Concen: 40.70 ng
RT: 16.75 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

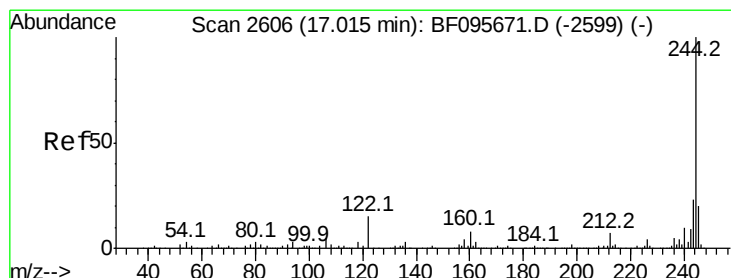
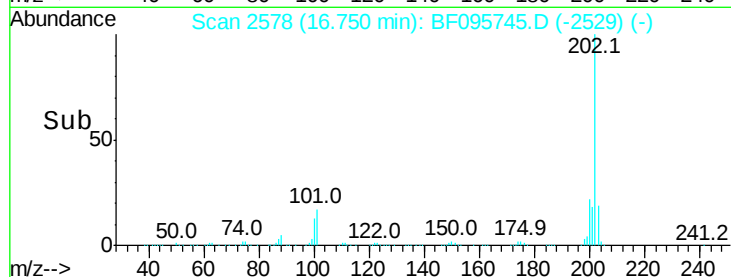
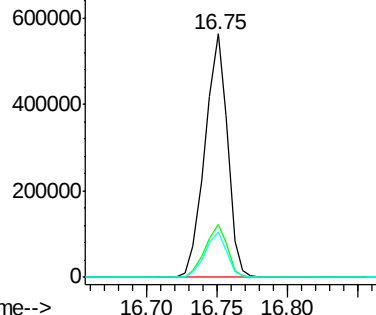
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.8	14.4	21.6

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



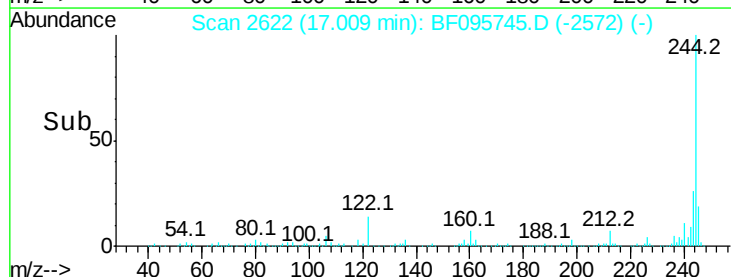
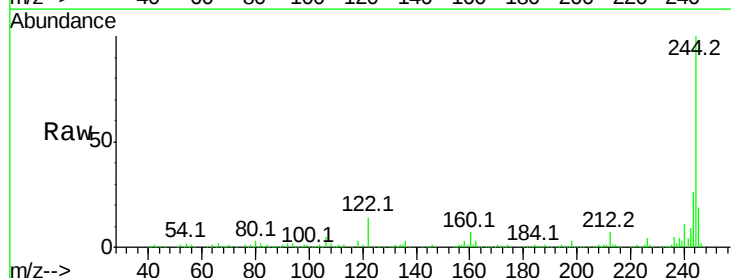
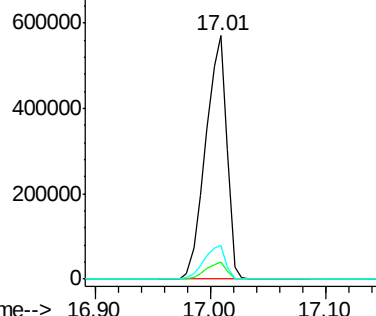
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

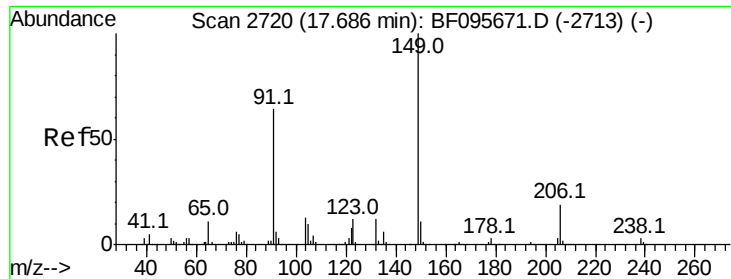


#78
Terphenyl-d14
Concen: 86.97 ng
RT: 17.01 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.1	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





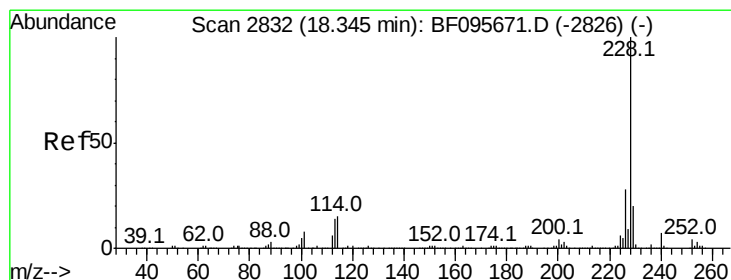
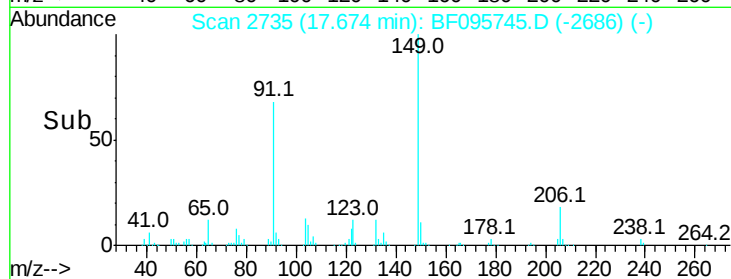
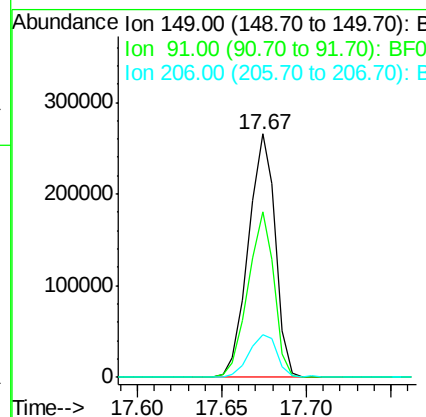
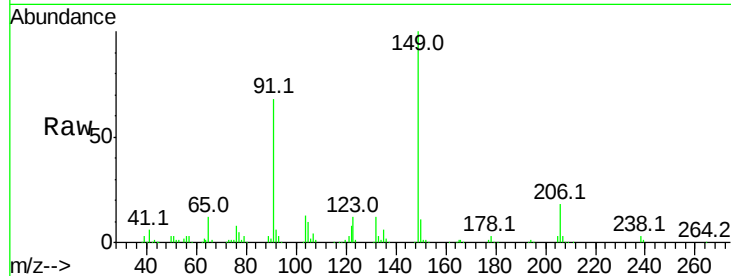
#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 17.67 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295025		
91	67.8	45.0	67.4#	
206	17.7	17.0	25.6	

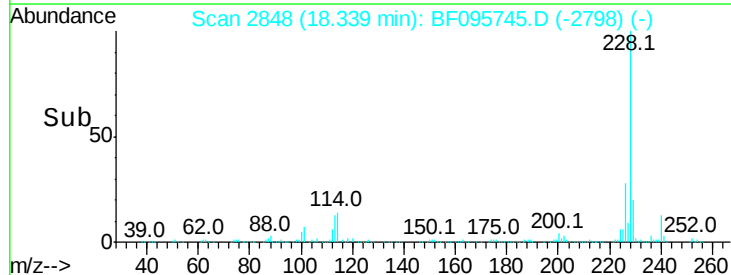
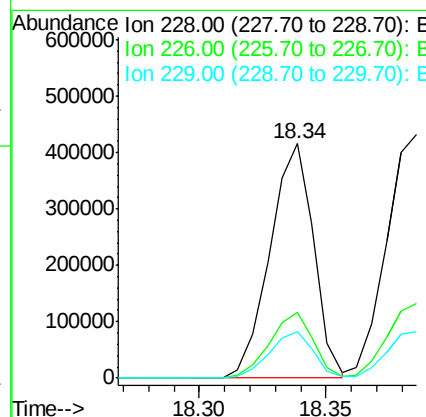
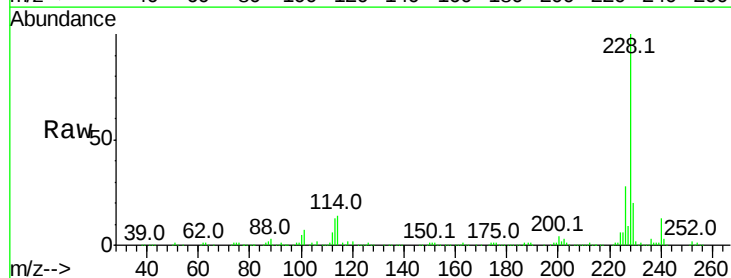
Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#80
Benzo(a)anthracene
Concen: 41.72 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	499659		
226	27.8	22.6	33.8	
229	19.8	16.3	24.5	





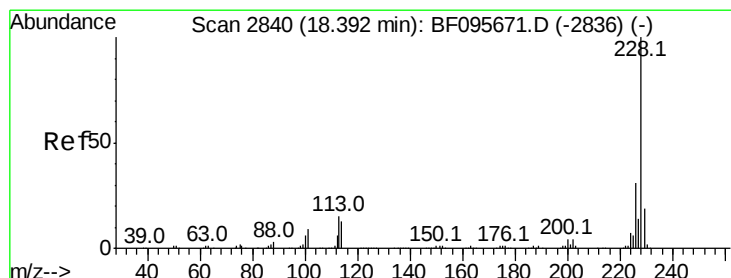
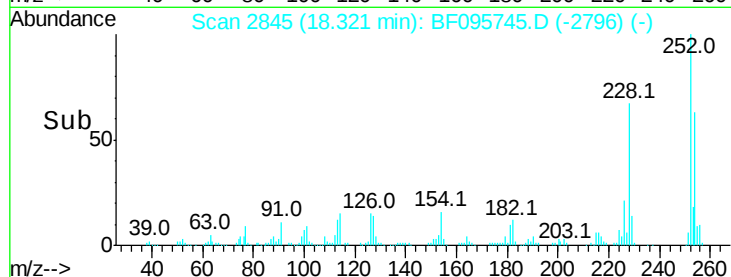
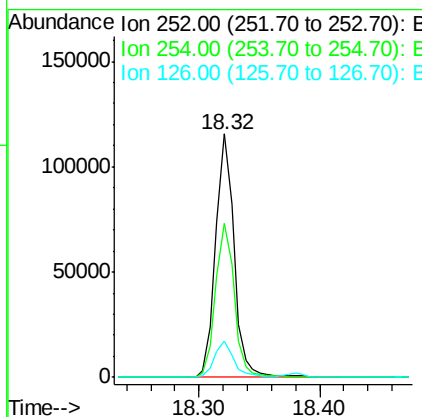
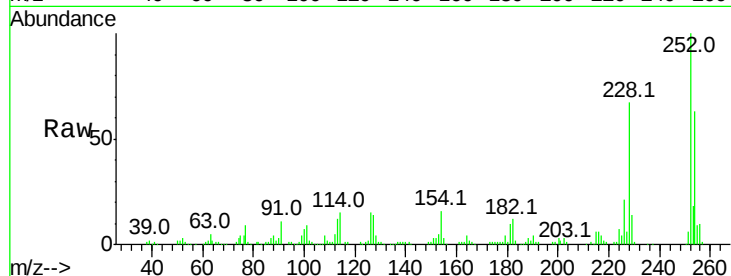
#81
 3,3'-Dichlorobenzidine
 Concen: 28.50 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	14.8	15.8	23.8

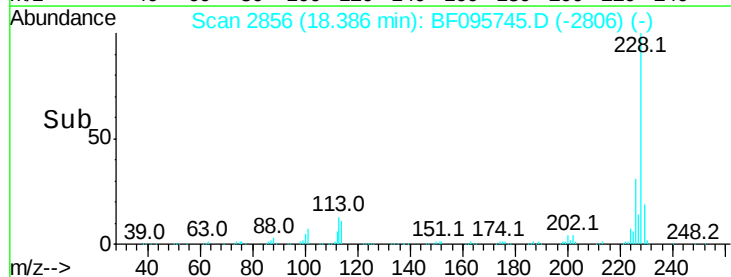
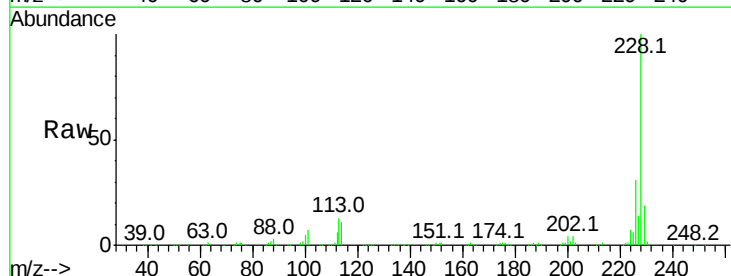
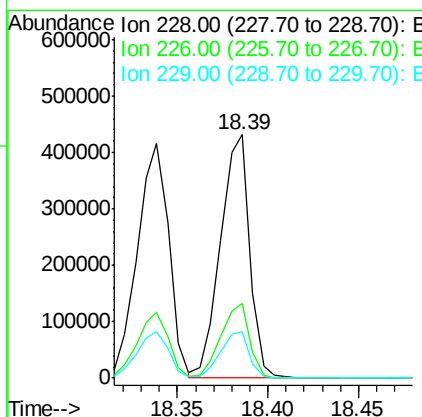
Manual Integrations
 APPROVED

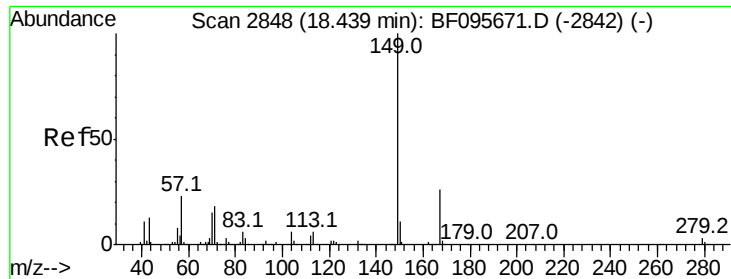
mohammad
 6/8/2017 12:18:36 PM



#82
 Chrysene
 Concen: 40.27 ng
 RT: 18.39 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.2	15.8	23.6





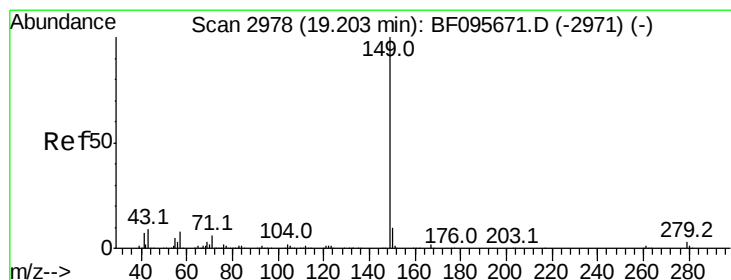
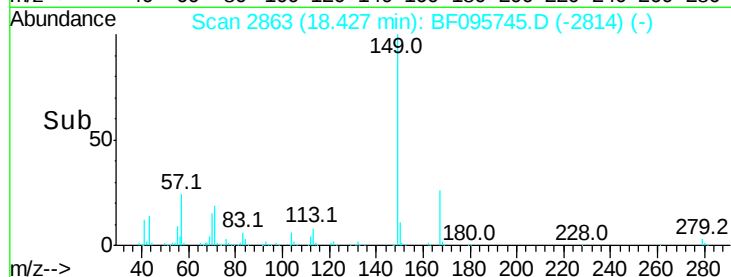
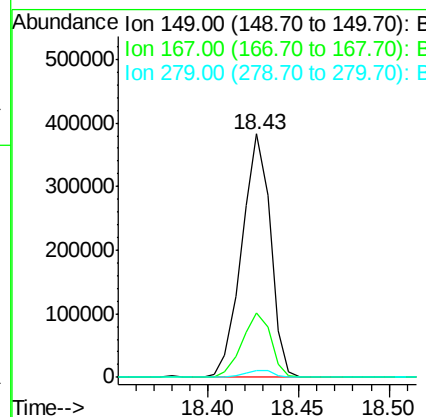
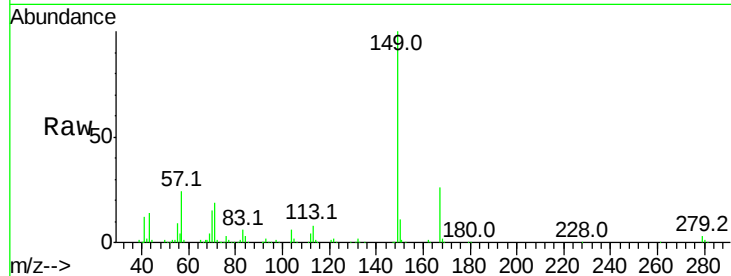
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.30 ng
 RT: 18.43 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		419464		
167	26.2	21.0	31.4		
279	3.0	1.9	2.9#		

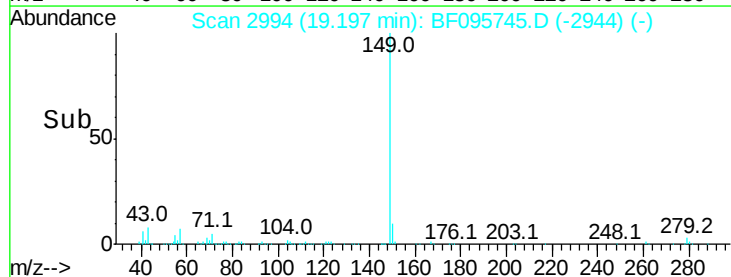
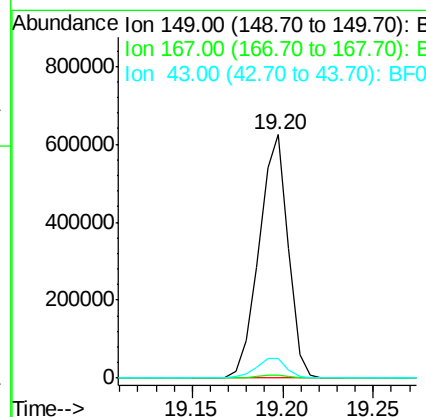
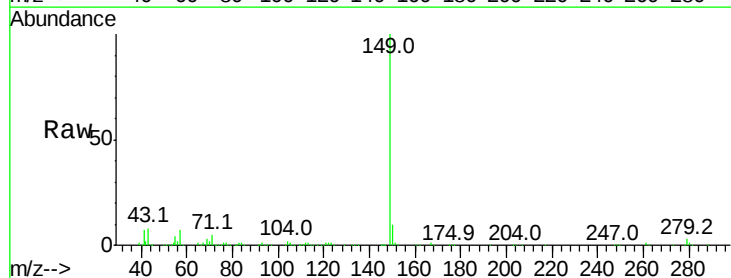
Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM



#84
 Di-n-octyl phthalate
 Concen: 44.41 ng
 RT: 19.20 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		692898		
167	1.5	1.2	1.8		
43	8.4	8.5	12.7#		





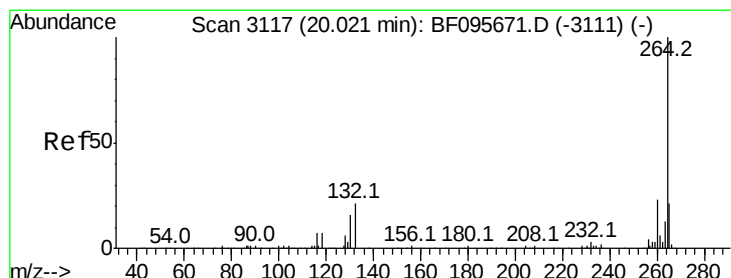
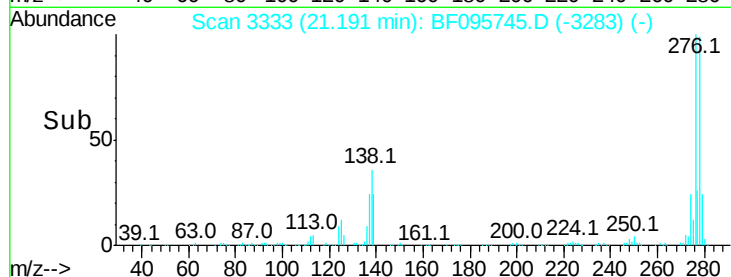
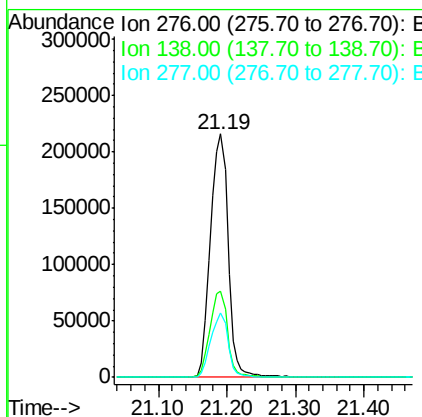
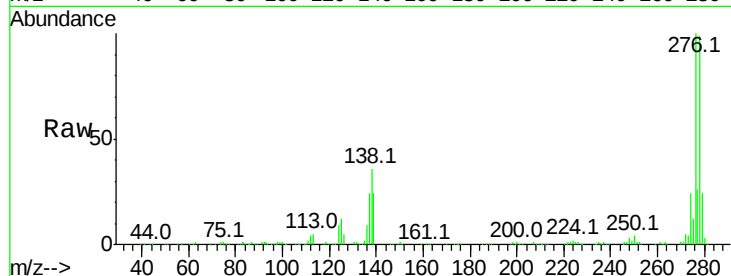
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.15 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB99520BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	390653		
138	34.9		27.8	41.6
277	25.6		20.2	30.4

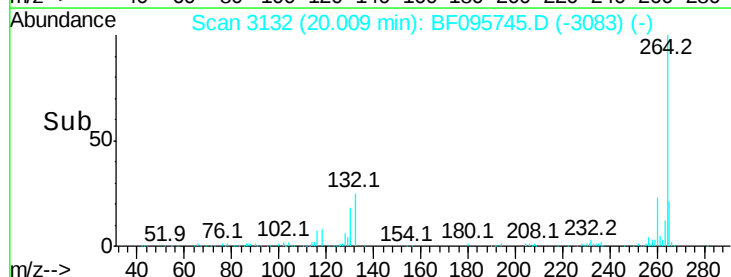
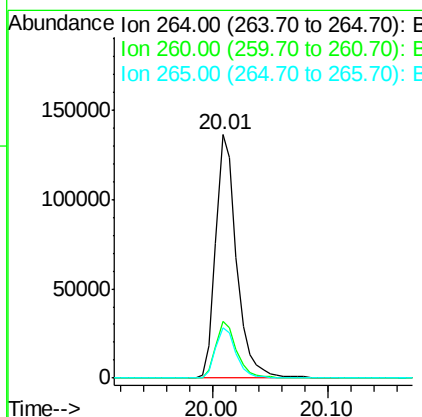
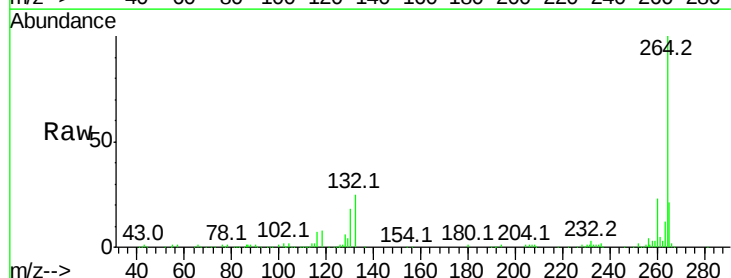
Manual Integrations
APPROVED

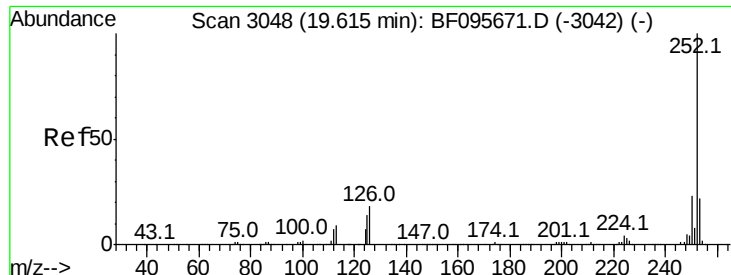
mohammad
6/8/2017 12:18:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095745.D
Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	171395		
260	23.5		19.5	29.3
265	20.5		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.33 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

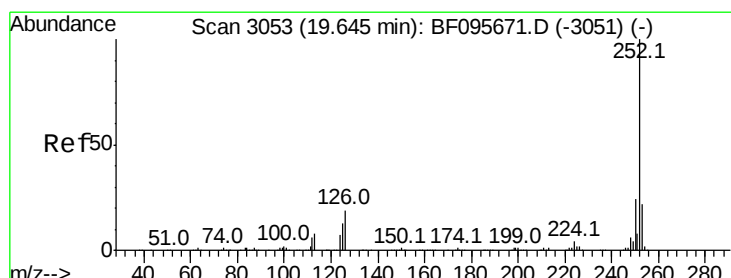
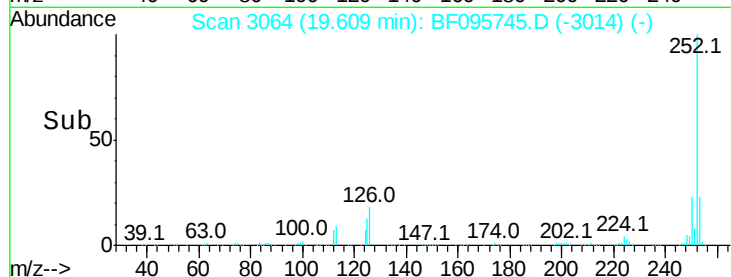
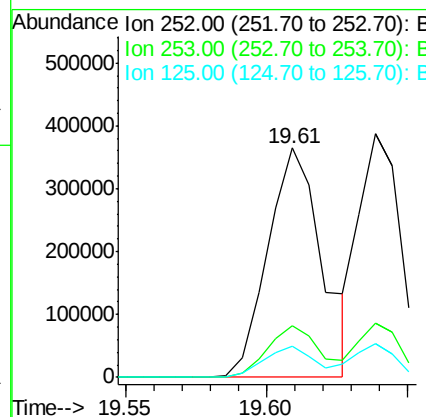
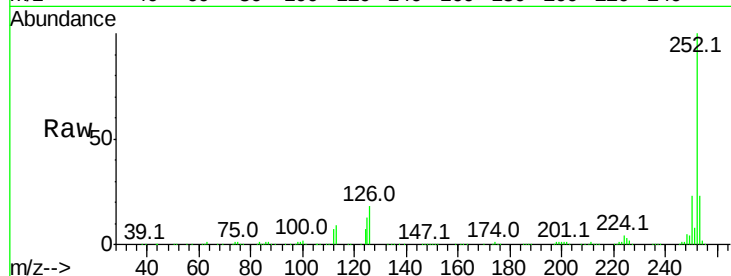
ClientSampled :

PB99520BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.3	9.8	14.8

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#88

Benzo(k)fluoranthene

Concen: 39.57 ng

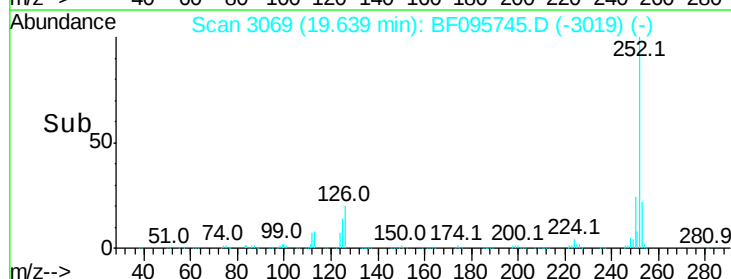
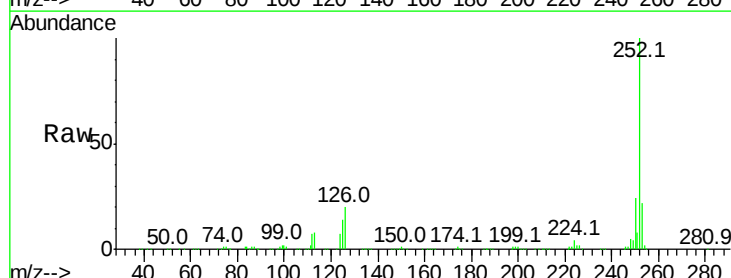
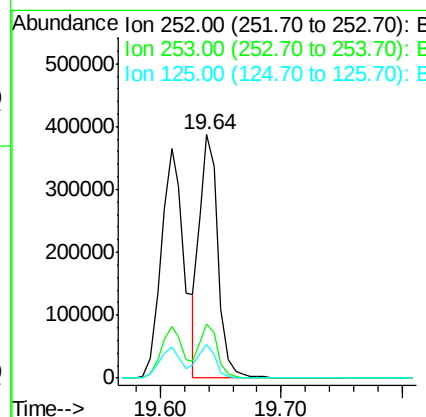
RT: 19.64 min Scan# 3069

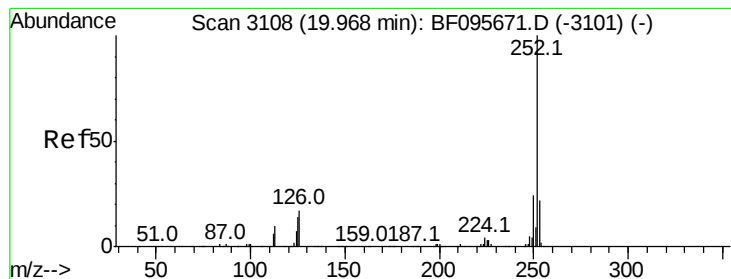
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	13.6	13.1	19.7





#89

Benzo(a)pyrene

Concen: 42.63 ng

RT: 19.96 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Instrument :

BNA_F

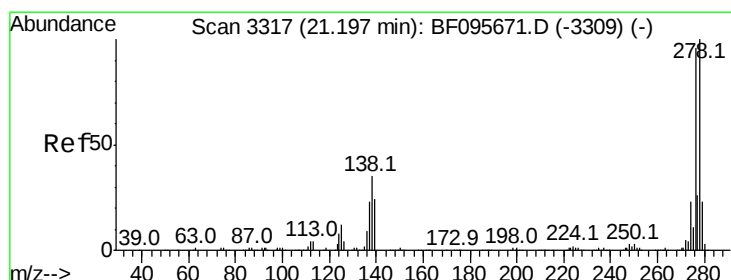
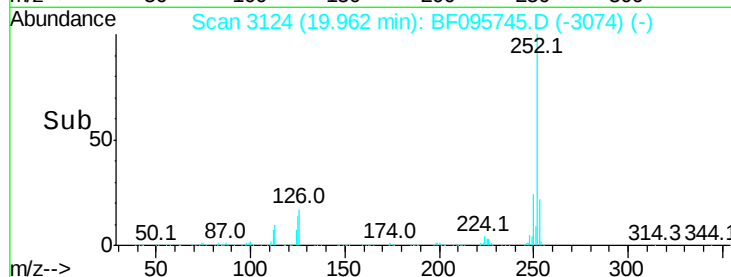
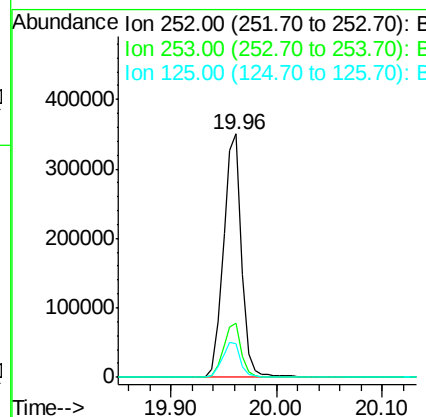
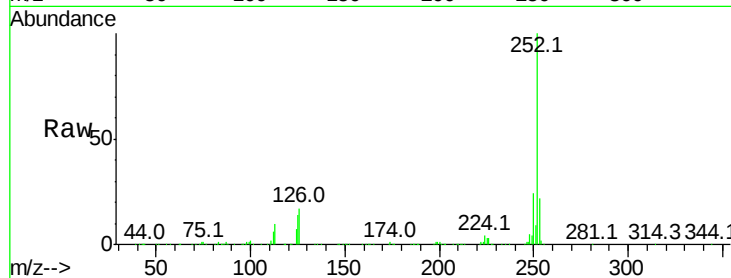
ClientSampleId :

PB99520BS

Tot Ion:	252	Resp:	420486
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	13.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/8/2017 12:18:36 PM



#90

Dibenzo(a,h)anthracene

Concen: 38.73 ng

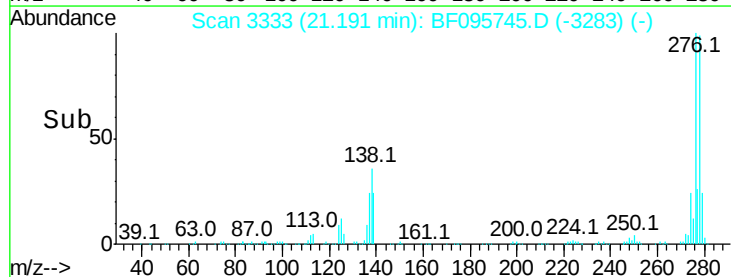
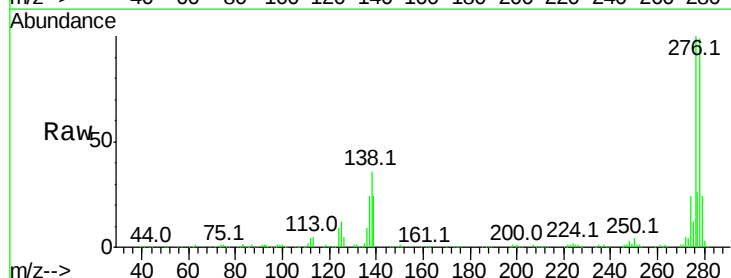
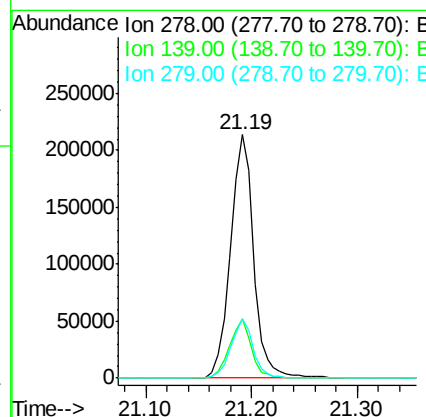
RT: 21.19 min Scan# 3333

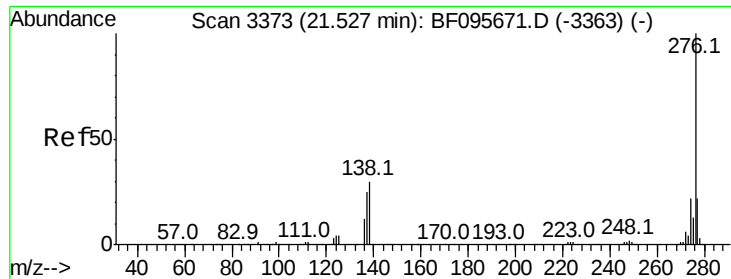
Delta R.T. -0.01 min

Lab File: BF095745.D

Acq: 7 Jun 2017 14:43

Tgt Ion:	278	Resp:	324090
Ion Ratio	Lower	Upper	
278	100		
139	24.1	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 38.10 ng
 RT: 21.52 min Scan# 3389
 Delta R.T. -0.01 min
 Lab File: BF095745.D
 Acq: 7 Jun 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB99520BS

Tot Ion:	276	Resp:	324995
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	28.7	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/8/2017 12:18:36 PM

